

Ephemerides K. 756. 6. 4

THE
COELESTIAL DIARY:
OR, AN
EPHEMERIS

For the YEAR of *1724 65*
Our Blessed SAVIOUR's Incarnation
1769.

Being the first after Leap Year, and from the Creation of the World, according to the best of History, 5714 Years.

Wherein is contained the Motions, Aspects and Operations of the Planets; with Observations on the Eclipses and Solar Ingresses; with other remarkable Passages, as the Moon's Southing, Sun and Moon's Rising and Setting, and Monthly Observations, in a Poetical Manner, the like not extant, &c.

Calculated according to ART, and referred to the Meridian of the Middle of GREAT BRITAIN, fitting the whole Monarchy without sensible Error.

The One and Fiftieth Impression.

By SALEM PEARSE,
Student in Physick and the Cœlestial Sciences.

Lift up your Eyes to the Heavens, and look upon the Earth beneath: for the Heavens shall vanish away like Smoke, and the Earth shall wax old like a Garment; and they that dwell therein shall die in like manner. Isaiah ii. 6.

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Price Nine Pence stitched.

200

The Regal Table.

Kings Names.	Reig. beg.	7	Kings Names.	Reig. beg.	7
1 King Egbert	819	17	28 Henry III.	1216	6
2 Ethelwolf	836	1	9 Edward I.	1272	3
3 Ethelbald	855	30	Edward II.	130	20
4 Ethelbert	860	6	31 Edward III.	1327	50
5 Ethelred	866	6	32 Richard II.	1377	22
6 Alfred	872	29	Line of Lancaster		
7 Edward I.	901	23	33 Henry IV.	1399	13
8 Ethelstan	924	6	34 Henry V.	1412	10
9 Edmond I.	940	6	35 Henry VI.	1	2
10 Eldred	946	9	Line of York		
11 Edwin	955	4	36 Edward IV.	1461	22
12 Edgar	959	16	37 Edward V.	483	0
13 Edward II.	975	3	38 Richard III.	483	2
14 Ethelred II.	978	8	Families United.		
15 Edmond II.	1016	1	39 Henry VII.	1485	23
Danish Line.			40 Henry VIII.	1509	38
16 Canutus I.	1017	18	41 Edward VI.	1546	7
17 Harold I.	1035	5	42 Q. Mary I.	1553	5
18 Canutus II.	1040	2	43 Q. Elizabeth	1558	44
19 Edward Confessor	1042	24	Kingdoms United		
20 Harold II.	1066	1	44 James I.	1602	22
Norman Line.			45 Charles I.	1625	3
21 William Conq.	1067	20	46 Charles II.	1648	36
22 William Rufus	1087	13	47 James II.	1684	4
23 Henry I.	1100	35	48 Mary II.	1688	6
24 Stephen	1135	19	William III.		
Saxon Line.			49 Q. Anne	1702	12
25 Henry II.	1154	35	50 K. George I.	1714	13
26 Richard I.	1189	10	51 K. George II.	1727	34
27 John	1199	17	52 K. George III.	1760	6

and Q. Charlotte: Crown'd 1761.
Whom God preserve.

The King's Favour's like the Morning Dew,
Life, Pleasure, also profitable too;
And where is he that would not purchase these,
And strive each Day our Royal George to please?

A TABLE for buying and selling of any Commodity
by the great Hundred, which is 112 Pounds.

d. q.	l. s. d.	d. q.	l. s. d.	d. q.	l. s. d.	d. q.	l. s. d.
1	0 2 4	1	2 18 4	1	5 14 4	1	8 10 4
2	0 4 8	2	3 0 8	2	5 16 8	2	8 12 8
3	0 7 0	3	3 3 0	3	5 19 0	3	8 15 0
4	0 9 4	4	3 5 4	4	6 1 4	4	8 17 4
5	0 11 8	5	3 7 8	5	6 3 8	5	8 19 8
6	0 14 0	6	3 10 0	6	6 6 0	6	9 2 0
7	0 16 4	7	3 12 4	7	6 8 4	7	9 4 4
8	0 18 8	8	3 14 8	8	6 10 8	8	9 6 8
9	1 1 0	9	3 17 0	9	6 13 0	9	9 9 0
10	1 3 4	10	3 19 4	10	6 15 4	10	9 11 4
11	1 5 8	11	3 4 1 8	11	6 17 8	11	9 13 8
12	1 8 0	12	4 4 0	12	7 0 0	12	9 16 0
13	1 10 4	13	4 6 4	13	7 2 4	13	9 18 4
14	1 12 8	14	4 8 8	14	7 4 8	14	10 0 8
15	1 15 0	15	4 11 0	15	7 7 0	15	10 3 0
16	1 17 4	16	4 13 4	16	7 9 4	16	10 5 4
17	1 19 8	17	4 15 8	17	7 11 8	17	10 7 8
18	2 2 0	18	4 18 0	18	7 14 0	18	10 10 0
19	2 4 4	19	5 0 4	19	7 16 4	19	10 12 4
20	2 6 8	20	5 2 8	20	7 18 8	20	10 14 8
21	2 9 0	21	5 5 0	21	8 1 0	21	10 17 0
22	2 11 4	22	5 7 4	22	8 3 4	22	10 19 4
23	2 13 8	23	5 9 8	23	8 5 8	23	11 1 8
24	2 16 0	24	5 12 0	24	8 8 0	24	11 4 0

E X A M P L E.

At 3*d.* 2*q.* a Pound, what is the Price of the Great Hundred? Look in the Left Hand Column for 3*d.* 2*q.* and right against it in the next Column towards the Right Hand you will find 1*l.* 12*s.* 8*d.*

Again, Suppose Goods were sold at 13*d.* a Pound, what is the Price of the great Hundred Weight? Look in the sixth Column towards the Right Hand Side of the Table, and you will find 6*l.* 1*s.* 4*d.* the Price thereof. This Table being so plain and easy, we need not trouble the Reader with any more Examples.

Note, For every Farthing that one Pound costs, reckon 2*s.* 4*d.* and that is the Price of the great Hundred.

A Table of INTEREST at five per Cent.

Enter this Table under Pounds.	Pounds.	A Week.			One Month.			Two Months.			Three Months.			Six Months.			Nine Months.			A Year.			
		s.	d.	q.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	
	1	0	0	10	0	0	10	0	0	2	0	0	3	0	0	6	0	0	9	0	0	1	
	2	0	0	20	0	0	20	0	0	4	0	0	6	0	1	0	0	1	6	0	2	0	
	3	0	0	30	0	0	30	0	0	6	0	0	9	0	1	6	0	2	3	0	3	0	
	4	0	1	00	0	0	40	0	0	8	0	1	0	0	2	0	0	3	0	0	4	0	
	5	0	1	10	0	0	50	0	0	10	0	1	3	0	2	6	0	3	0	0	5	0	
	6	0	1	20	0	0	60	0	1	0	0	1	6	0	3	0	0	4	0	0	6	0	
	7	0	1	30	0	0	70	0	1	2	0	1	9	0	3	6	0	5	3	0	7	0	
	8	0	2	00	0	0	80	0	1	4	0	2	0	0	4	0	0	6	0	0	8	0	
	9	0	2	10	0	0	90	0	1	6	0	2	3	0	4	6	0	6	9	0	9	0	
	10	0	2	20	0	0	100	0	1	8	0	2	6	0	5	0	0	7	6	0	10	0	
Tens of Pounds.	20	0	5	00	0	1	80	0	3	4	0	5	0	0	10	0	0	15	0	1	0	0	
	30	0	7	10	0	2	60	0	5	0	0	7	6	0	15	0	1	2	6	1	10	0	
	40	0	10	00	0	3	40	0	6	8	0	10	0	1	0	0	1	10	0	2	0	0	
	50	1	0	00	0	4	20	0	8	4	0	12	6	0	1	5	0	1	17	6	2	10	0
	60	1	3	00	0	5	00	0	10	0	0	15	0	1	10	0	2	5	0	3	0	0	
	70	1	5	10	0	5	100	0	11	8	0	17	6	1	15	0	2	12	6	3	10	0	
	80	1	8	00	0	6	80	0	13	4	1	0	0	2	0	0	3	0	0	4	0	0	
90	1	12	20	0	7	60	0	15	0	1	2	6	2	5	0	3	7	6	4	10	0		
Hundred Pounds.	100	2	1	00	0	8	40	0	16	8	1	5	0	2	10	0	3	15	0	5	0	0	
	200	4	2	00	0	16	8	1	13	4	2	10	0	5	0	0	7	10	0	10	0	0	
	300	6	3	01	0	5	02	0	10	0	3	15	0	7	10	0	11	5	0	15	0	0	
	400	8	4	01	0	13	43	0	6	8	5	0	0	10	0	0	15	0	0	20	0	0	
	500	10	5	02	0	18	43	0	3	4	6	5	0	12	10	0	18	15	0	25	0	0	
	600	12	6	02	0	10	05	0	0	0	7	10	0	15	0	0	22	10	0	30	0	0	
	700	14	7	02	0	18	45	0	16	8	8	15	0	17	10	0	26	5	0	35	0	0	
	800	16	8	03	0	26	13	0	13	4	10	0	0	20	0	0	30	0	0	40	0	0	
	900	18	9	03	0	15	07	0	10	0	11	5	0	22	10	0	33	15	0	45	0	0	
	1000	20	10	04	0	3	48	0	6	8	12	10	0	25	0	0	37	10	0	50	0	0	

Enter this Table on the Left-hand side under Pounds, with your Sum (that you would know the Interest of) and in the Head of the Table your Time, and in the Angle of meeting you will have your Desire.

EXAMPLE.

Suppose the Sum were 80^l. I enter under Pounds with the same, and against the Sum find for one Week 1^s. 8^d. For one Month 6^s. 8^d. For two Months 13^s. 4^d. For three Months 1^l. For six Months 2^l. For nine Months 3^l. For a Year 4^l. &c. With any other Sum you may do after the like manner.

A general Tide-Table.

Quinbor. Portsm. Southa. Spithead. Isle of Wight.	Bristol, Lanin, Fulnefs and at he Start.	Dover, Yarm. Harw. and Calais Road.	London, Tinm. Hartley, Waitby, Amfter- lam.	Newcaff. Falm. Dart- mouth. Humb. Foy.	Plym. Weym. Antw. Linc. and Hull.	Gravefen Thanet Rumney Downs and Scilly Half tide
H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	0 A 48	7 A 33	11 M 18	3 A 48	6 A 3	2 A 18
2	1 3'	8 21	0 A 6	4 3'	6 51	3 0
3	2 24	9 9	0 54	5 24	7 39	3 5-
4	3 12	9 5-	1 42	6 12	8 27	4 42
5	4 0	10 45	2 30	7 0	9 15	5 30
6	4 48	11 33	3 18	7 48	10 3	6 18
7	5 36	12 21	4 6	8 36	10 51	7 6
8	6 24	1 M 9	4 54	9 24	11 39	7 54
9	7 12	1 57	5 42	10 12	12 27	8 42
10	8 0	2 45	6 30	11 0	1 M 15	9 30
11	8 48	3 33	7 18	11 48	2 3	10 18
12	9 36	4 21	8 6	12 36	2 51	11 6
13	10 24	5 9	8 54	1 M 24	3 39	11 54
14	11 12	5 57	9 42	2 12	4 27	12 42
15	12 0	6 45	10 30	3 0	5 15	1 30
16	0 M 48	7 33	1 18	3 48	6 3	2 M 18
17	1 36	8 21	12 6	4 36	6 51	3 6
18	2 24	9 9	0 M 54	5 24	7 39	3 54
19	3 12	9 57	1 42	6 12	8 27	4 42
20	4 0	10 45	2 30	7 0	9 15	5 30
21	4 48	11 33	3 18	7 48	10 3	6 18
22	5 36	0 A 21	4 6	8 36	10 51	7 6
23	6 24	1 9	4 54	9 24	1 39	7 54
24	7 12	1 57	5 42	10 12	12 27	8 42
25	8 0	2 45	6 30	11 0	1 A 15	9 30
26	8 48	3 33	7 18	11 48	2 3	10 18
27	9 36	4 21	8 6	0 A 6	2 51	11 6
28	10 24	5 9	8 54	1 24	3 39	11 54
29	11 12	5 57	9 42	2 12	4 27	0 A 42
30	12 0	6 45	10 30	3 0	5 15	1 30

Example. Jan. the 7th, the Moon is 29 days old; look for 29 in the first Column under the Moon's Age, and against it in the fourth Column under London, Tinmouth, &c. is 2 h. 12 m. which shews that it is High-Water at those Places at 12 m. past in the Afternoon.

A perpetual Table of Break of Day, Twilight the Length of the Day and Night, and Increase and Decrease of the Days.

Months.	Days.	Break of Day.		Twilight end.		Length of the Day.		Length of the Night.		Increase of Days.		Planet H. by Day.		Planet H. by Night.	
		H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
January.	1	5	50	6	1	7	40	16	16	0	10	0	38	1	22
	12	5	52	6	8	8	0	16	0	0	26	0	40	1	20
	22	5	42	6	18	8	26	15	34	0	52	0	42	1	18
February.	1	5	30	6	30	8	58	15	2	1	24	0	45	1	15
	11	5	13	6	47	9	38	14	32	2	4	0	48	1	12
	22	4	55	7	0	10	16	13	44	2	42	0	51	1	9
March.	1	4	40	7	20	10	44	13	16	3	10	0	57	1	3
	12	4	10	7	41	11	26	12	34	3	52	1	0	1	0
	22	3	57	8	3	12	6	11	54	4	32	1	4	0	56
April.	1	3	33	8	27	12	46	11	14	5	12	1	7	0	53
	12	3	4	8	56	13	28	10	32	5	52	1	10	0	50
	22	2	31	9	2	14	0	9	56	6	30	1	13	0	47
May.	1	2	2	9	58	14	42	9	18	7	8	1	17	0	43
	11	1	28	10	32	15	14	8	46	7	40	1	19	0	41
	22	0	14	11	46	15	44	8	16	8	10	1	20	0	40
June.	1	no nig.		no nig.		16	6	7	54	8	32	1	21	0	39
	12	but twi-		but twi-		16	22	7	38	8	48	1	22	0	38
	22	light.		light.		16	26	7	34	8	52	1	21	0	30
July.	1	0	0	0	0	16	20	7	40	0	D 6	1	20	0	40
	12	0	0	0	0	16	6	7	54	0	20	1	19	0	41
	22	0	17	11	43	15	44	8	16	0	42	1	17	0	43
August.	1	1	24	10	30	15	14	8	46	1	2	1	13	0	47
	12	2	6	9	54	14	38	9	22	1	48	1	10	0	50
	22	2	38	9	22	14	4	9	56	2	2	1	7	0	53
September.	1	3	7	8	55	13	26	10	34	3	0	1	3	0	57
	12	3	38	8	22	12	44	11	16	3	42	1	1	0	59
	22	3	50	8	1	12	4	11	56	4	22	1	0	1	0
October.	1	4	21	7	30	11	24	12	36	5	2	0	57	1	3
	12	4	41	7	10	10	46	13	14	5	40	0	54	1	6
	22	5	0	7	0	10	6	13	54	6	20	0	50	1	10
November.	1	5	17	6	43	9	28	14	32	6	58	0	47	1	13
	11	5	3	6	27	8	50	15	10	7	36	0	44	1	16
	22	5	43	6	13	8	20	15	40	8	6	0	42	1	18
December.	1	5	54	6	0	7	56	16	4	8	30	0	40	1	20
	11	6	0	6	0	7	40	16	20	8	46	0	38	1	22
	22	6	1	5	59	7	34	16	26	8	52	0	38	1	22

The TERMS and their RETURNS, for YEAR 1769.

Hilary Term begins Jan. 23. ends Feb. 13, hath 4 Returns.

Returns or Effoign-days.		Exc.	Ret.	Ap.	W. D.
In eight Days of St. Hilary,	Jan. 20	21	22	23	Monday.
From the Day of St. Hilary in 10 Days	27	28	29	30	Monday
On the Morrow of the Purification of the blessed Virgin Mary,	Feb. 3.	4	5	6	Monday
In eight Days of the Purification of the blessed Virgin Mary,	9	10	11	12	Monday

Easter Term begins April 12, ends May 8, hath 5 Returns.

From the Day of Easter in 15 Days,	April 9	10	11	12	Wednesday.
From the Day of Easter in 3 Weeks	16	17	18	19	Wednesday.
From the Day of Easter in 1 Month	23	24	25	26	Wednesday.
From the Day of Easter in 5 Weeks	30	May 1	2	3	Wednesday.
On the Morrow of the Ascension Day	May 5	6	7	8	Monday.

Trinity Term begins May 26, ends June 14, hath 4 Returns.

On the Morrow of the Holy Trinity	May 22	23	24	25	Thursday.
In eight Days of the Holy Trinity	28	29	30	31	Wednesday.
From the Day of the Holy Trin. in 15 Days	June 4	5	6	7	Wednesday.
From the Day of the H. Trin. in 3 Weeks	11	12	13	14	Wednesday.

Michaelmas Term begins Nov. 6, ends Nov. 26, hath 4 Returns.

On the Morrow of All Souls	Nov. 3	4	5	6	Monday.
On the Morrow of St. Martin	12	13	14	15	Wednesday.
In eight Days of St. Martin	18	19	20	21	Tuesday.
In fifteen Days of St. Martin.	25	26	27	28	Tuesday.

N. B. No Sittings in Westminster-Hall on Ascension Day, Midsummer Day, and the 2d of February.

The Exchequer opens eight Days before any Term begins, except Trinity, before which it opens only four Days.

Note, The first and last Days of every Term are the first and last Days of Appearance.

Lo! here's a Trade, surpasseth all the Rest,
 No Change annoys the Lawyer's Interest;
 His Tongue buys Lands, builds Houses without Toil;
 The Pen's his Plough, the Parchment is his Soil:
 Him, Storms disturb not, nor Militia Bands;
 The Tree roots best that in the Weather stands.

JANUARY hath XXXI Days.

D. | h. | m.

New Moon 8th Day at 3 in Morn.
 First Quarter 15th Day at 9 in Morn.
 Full Moon 22d Day at 4 in Morn
 Last Quarter 29th Day at 9 at Night.

1	15	1
6	14	18
1	14	16
16	13	16
21	13	20
6	12	21

M	W	St. Days	Moon's	Moon	D	Moon	Aspects, Sun
D	D	and Weat.	Signs.	South.	A	ri. sets.	rises and sets.
1	A	Circum.	loins	6M39	23	Morn	
2	b	cold moist	secret	7 26	24	2 47	☐ ♀
3	c	air, cloudy	memb.	8 10	25	3 56	Sun r. 8 m. p. 8
4	d	weather	hips	8 58	26	4 59	8 ☉ ♀
5	e	Ol. Ch. D.	and	9 41	27	6 3	Sun f. 53 m. p. 3
6	f	Epiphany	highs	10 3	28	7 0	
7	g	and snow	knees	11 29	29	7 42	
8	A	1 S. af. Ep.	hams	0 A 20	N	D sets	* ☉ ♀
9	b	Plow-M.	legs	1 9	1	5 41	Δ ♂ ♀
10	c	windy	ankles	1 59	2	7 4	Sun r. 2 m. p. 8
11	d	with flor.	feet	2 46	3	8 20	Sun f. 59 m. p. 3
12	e	O. N. Y. d.	and	3 31	4	9 42	
13	f	Cam. T. b.	soles	4 16	5	1 4	Hilary 8 h ♀
14	g	Oxf. T. b.	head	5 7	6	Morn.	
15	A	2 S. af. Ep.	face	5 58	7	0 22	
16	b	frosts and	neck	6 51	8	1 43	Sun r. 5 m. p. 7
17	c	Old T. D.	throat	7 41	9	3 8	Sun f. 6 m. p. 4
18	d	fleets of	arms	8 51	10	4 30	Q. Ch. B. D. k.
19	e	snow or	should.	9 52	11	5 31	
20	f	perhaps	breast.	10 53	12	6 36	
21	g	rain.	stomach	11 49	13	7 15	
22	A	Sept. Sun.	heart	Morn.	F	D rise	
23	b	Ter. beg.	back	0 48	14	6 44	* ♂ ♀ * ♀ ♂
24	c		bowels	1 32	15	7 37	
25	d	Con. St. P.	and	2 15	16	8 52	Sun r. 42 m p. 7
26	e	stormy	belly	2 59	17	10 8	Sun f. 20 m. p. 4
27	f	weather,	veins	3 40	18	11 45	
28	g	uncertain	loins	4 18	19	Morn.	
29	A	Sex. Sun.	secret	5 7	20	0 21	♂ ☉ ♀
30	b	K. Ch. M.	and	5 51	21	1 30	
31	c	weather.	memb.	6 39	22	2 36	

Pearse. JANUARY, 1769.

Poetick Page I need not, nor a Quill
 Extracted from Pegasian Wings to fill;
 My vacant Lines, nor Clio's Help I need,
 Nor any Thought from the inspired Breed;
 Nor Helicon its ever flowing Stream;
 To raise my daring Muse unto my Theme.

Old Style.
New Style.

D	D	☉	☿	♂	♀	♂	♀	Monthly Observations.
21	A	1	29	28	5	4	16	26
22	2	12	30	9 ^m	5	4	17	27
23	3	13	31	21	48	5	18	29
24	4	14	32	3	1	38	5	20 ^{VS}
25	5	15	33	5	38	1	21	2
26	6	16	34	7	18	6	22	3
27	7	17	36	0 ^{VS}	15	6	2	5
28	A	18	37	22	5	7	24	6
29	8	19	38	5	36	7	26	8
30	10	20	39	18	53	8	27	9
1	11	21	40	2	14	8	28	10
2	12	22	4	5	48	8	29	11
3	1	3	4	29	33	9	1	12
4	3	14	24	44	3	28	9	2
5	A	25	45	27	31	10	1	3
6	6	30	46	18	44	10	4	4
7	17	27	47	16	1	10	5	2
8	18	28	48	10	11	1	7	2
9	19	29	49	24	42	11	8	24
10	20	30	50	9	5	11	9	2
11	A	2	51	23	9	12	10	27
12	23	3	52	7	1	12	11	9
13	24	4	53	20	15	3	13	10
14	25	5	54	4	12	7	13	14
15	26	6	55	17	2	4	15	4
16	27	7	56	30	14	4	16	5
17	28	8	57	11	1	14	17	6
18	A	9	58	24	5	5	15	9
19	30	10	59	6	11	15	16	20
20	1	11	60	17	2	16	17	21
21	2	12	1	30	14	17	18	22
22	3	13	2	11	1	17	19	23
23	4	14	3	23	12	18	20	24
24	5	15	4	4	1	18	21	25
25	6	16	5	16	12	19	22	26
26	7	17	6	27	14	20	23	27
27	8	18	7	8	1	20	24	28
28	9	19	8	20	12	21	25	29
29	10	20	9	3	1	21	26	30
30	11	21	10	14	12	22	27	31
31	12	22	11	26	14	23	28	
1	1	23	12	7	1	23	29	
2	2	24	13	18	12	24	30	
3	3	25	14	30	14	25	31	
4	4	26	15	11	1	25		
5	5	27	16	23	12	26		
6	6	28	17	4	1	26		
7	7	29	18	16	12	27		
8	8	30	19	27	14	28		
9	9	31	20	8	1	28		
10	10		21	20	12	29		
11	11		22	3	1	29		
12	12		23	14	12	30		
13	1		24	26	14	31		
14	2		25	7	1			
15	3		26	18	12			
16	4		27	30	14			
17	5		28	11	1			
18	6		29	23	12			
19	7		30	4	1			
20	8		31	16	12			
21	9			27	14			
22	10			8	1			
23	11			20	12			
24	12			3	1			
25	1			14	12			
26	2			26	14			
27	3			7	1			
28	4			18	12			
29	5			30	14			
30	6			11	1			
31	7			23	12			
1	8			4	1			
2	9			16	12			
3	10			27	14			
4	11			8	1			
5	12			20	12			
6	1			3	1			
7	2			14	12			
8	3			26	14			
9	4			7	1			
10	5			18	12			
11	6			30	14			
12	7			11	1			
13	8			23	12			
14	9			4	1			
15	10			16	12			
16	11			27	14			
17	12			8	1			
18	1			20	12			
19	2			3	1			
20	3			14	12			
21	4			26	14			
22	5			7	1			
23	6			18	12			
24	7			30	14			
25	8			11	1			
26	9			23	12			
27	10			4	1			
28	11			16	12			
29	12			27	14			
30	1			8	1			
31	2			20	12			

Anc

FEBRUARY hath XXVIII Days.

New Moon the 6th Day at 6 in the Morn.
 First Quarter the 13th Day at 5 in the Morn.
 Full Moon the 20th Day at 6 in the Morn.
 Last Quarter the 28th Day at 6 at Night.

1	13	21
6	12	22
11	12	23
16	12	24
21	12	25
26	12	26

M	W	St. Days	Moon's	Moon	3	Moon	Aspects, Sun
D	D	and Weat.	Signs.	South.	A.	rit. sets.	rises and sets.
1	d	wind, and	hips	7	12	24	3 33
2	e	P.B.V.M.	highs	8	15	25	4 3
3	f	wet weat.	knees	9	9	26	5 26
4	g	her.	hums	10	5	27	6 4
5	A	Shrove S.	legs	0	53	28	6 32
6	b	frosty w.	ind	11	41	29	7 30
7	c	Shrove T.	ankles	0	3	30	5 57
8	d	Ash-Wed.	feet	1	18	31	7 20
9	e	turbulent	toes	2	8	1	8 44
10	f	air, snow	head	2	57	2	10 7
11	g	or rain.	face	3	48	3	Morn.
12	A	1 S. in L.	neck	4	4	4	Morn.
13	b	Old C. D.	throat	5	31	5	0 49
14	c	Valentine.	arms	6	36	6	2 12
15	d	cloudy cl.	should.	7	37	7	3 10
16	e	weather.	reost	8	38	8	4 21
17	f	Emb. W.	stomach	9	34	9	5 6
18	g	frost-like,	heart	10	28	10	5 40
19	A	2 S. in L.	ind	11	18	11	6 6
20	b	with misty	back	Morn.	12	12	7 30
21	c	mornings;	owels	0	4	13	6 26
22	d		belly	0	49	14	7 40
23	e	remission	ens	1	31	15	8 53
24	f	S. Matthias	ons	2	10	16	10 53
25	g	of cold.	secret	3	0	17	11 11
26	A	3 S. in L.	and	3	40	18	Morn.
27	b		member.	4	29	19	0 20
28	c	frosty air	ips	5	1	20	1 22

Pearse. FEBRUARY, 1769.

Old Style.
New Style.

Hale awful Prince, go on and prosper still,
And with your Dread the Gallick Nation fill:
The God that does your Cause espouse, will bless
And glut your conquering Sword with all Success:
Lewis the perjured Tyrant, and the Base,
For Crimes dethrone, and his accursed Race.

D D		☉	☿	♈	♉	♊	♋	Monthly Observations.
21	1	13	1	1 ♄ 36	12	4	1	
22	2	14	2	23 41	1	24	17	
23	3	15	3	5 ♄ 59	1	20	19	
24	4	16	4	18 36	10	27	21	And gives our Sky so smooth and smiling Cheer,
25	5	17	5	1 ♄ 30	9	26	23	shines brighter now than't had done many a Year;
26	6	18	6	11 44	29	2		Sweet Angel-beauty, sacred Peace,
27	7	19	7	28 16	20	20		Heav'n's Present,
28	8	20	8	11 ♄ 5	20	22		Which makes the Air more clear,
29	9	21	9	26 4	22	3		Spring more pleasant,
30	10	22	10	10 ♄ 12	22	4		Is't not the rising of thy new come Star.
31	11	23	11	24 21	2	5		Zephyr more calm, and Flora merrier.
1	12	24	12	8 38	25	0		Ah! I perceive the Olive Dove and Bow,
2	13	25	1	22 41	25	7		The dismal Flood where Blood and Tears did flow.
3	14	26	2	6 47	24	8		Divine Prefages that the Flood abates,
4	15	27	3	20 48	24	9		And Janus now locks up his Temple gates.
5	16	28	4	4 45	23	10		Justice and Faith do kindly kiss each other;
6	17	29	5	18 36	25	12		And Mars appears'd sit down by Cupid's Mother.
7	18	30	6	2 20	25	13		Fair fruitful Daughter of th' Omnipotent,
8	19	31	7	15 52	26	14		Like hideous Chaos to Confusion bent.
9	20		8	29 12	27	15		
10	21		9	13 16	27	16		
11	22		10	25 5	28	17		
12	23		11	7 37	28	18		
13	24		12	19 52	29	19		
14	25		1	1 5	29	20		
15	26		2	13 52	30	22		
16	27		3	25 41	1	23		
17	28		4	7 31	1	24		

MARCH hath XXXI Days.

D | h | 4
20 | m

New Moon the 8th Day at 7 in the Morn.

First Quart. 14th Day at Midnight.

Full Moon the 22d Day at 9 in the Morn.

Last Quarter the 30th Day at 1 Aftern.

1 | 12 | 23
6 | 12 | 23
11 | 12 | 23
16 | D | 23
21 | 12 | 23
26 | 12 | 23

M	W	St. Days.	Moon's	Moon	D	Moon	Affects, Sun
D	D	and Weat.	Signs.	South.	A.	ris. sets.	ris. and sets
1	d	David.	thighs	6 10	21	Rises.	
2	e	good	knees	7 2	22	2 31	Δ ⊙ ♀
3	f	weather,	and	7 54	23	3 53	S. r. 47 m. p. 6.
4	g	but cold	hams	8 43	24	4 26	S. f. 14 m. p. 5.
5	A	4 S. in L.	legs	9 34	25	4 56	Ps. Hesse born
6	b	wind,	ankles	10 25	26	5 25	
7	c	sharp air,	feet	11 14	27	Sets.	
8	d	blowing	toes	0 A 3	N	6 28	
9	e	up snow	head	0 53	1	7 52	S. r. 33 m. p. 6.
10	f	or rain,	face	1 46	2	9 18	S. f. 30 m. p. 5.
11	g	cloudy,	neck	2 42	3	10 44	Δ ⊙ ♀
12	A	5 S. in L.	throat	3 40	4	Morn.	
13	b	windy, but	arms	4 41	5	0 4	
14	c	not vio-	should.	5 40	6	1 7	Δ ♀ ♀
15	d	lent ;	breast	6 40	7	2 22	
16	e	more	and	7 35	8	3 9	* ♀ ♀
17	f	warm at	stom.	8 28	9	3 34	
18	g	present,	heart	9 19	10	4 13	
19	A	Palm Sun	back	10 6	11	4 36	S. r. 4 m. p. 6.
20	b	ard mild	bowels	10 52	12	4 52	S. f. 57 m. p. 5.
21	c	serenity of	belly	11 34	12	Rises	
22	d	air ;	reins	Morn.	F	6 47	* ♀ ♀
23	e		and	0 18	13	7 57	
24	f	G. Friday	loins	1 2	14	9 4	
25	g	Lady Day	secret	1 49	15	10 13	S. r. 52 m. p. 5
26	A	East. Day	members	2 37	16	11 21	S. f. 10 m. p. 6.
27	b	fair weath.	hips	3 24	17	Morn.	8 ♀ ♀
28	c		and	4 12	18	0 23	
29	d		thighs	5 1	19	1 15	
30	e		knees	5 52	20	2 1	
31	f		hams	6 41	21	2 38	

Pearie. M A R C H, 1769.

Aim high great Prince, and strike with Blow Success,
 Your mighty God is with you, and does bless.
 Your Guardian Angel does assist this Day,
 And the Almighty Powers lead the Way.
 He that the Host of Israel went before,
 Has y-et a 'Thousand Blessings still in Store.

Old Style.
New Style.

		☉	☿	♈	♉	♊	♋	♌	Monthly Observations.
		D	M	D	M	D	M	D	
18		1	11	16	19	26	2	26	28
19		2	12	16	19	32	2	27	28
20		3	13	16	13	53	3	28	29
21		4	14	16	26	35	3	29	29
22		5	15	16	9	40	4	8	40
23		6	16	16	23	9	4	1	29
24		7	17	16	7	2	5	2	28
25		8	18	16	21	45	6	3	27
26		9	19	16	5	52	4	27	
27		10	20	15	20	16	7	5	26
28		11	21	14	4	5	7	7	25
March		12	22	14	19	18	8	8	24
		13	23	14	3	37		9	23
		14	24	14	17	43	9	10	22
		15	25	14	1	38	10	11	21
		16	26	13	15	21	1	12	20
		17	27	12	12	13	11	13	20
		18	28	12	25	23	11	14	19
		19	29	11			12	15	18
		20	30	11	8	20	12	16	17
		21	1	10	21	6	14	17	17
11	22	2	10	3	38		14	18	16
12	23	3	9	15	58		15	19	16
13	24	4	9	28	7		5	20	15
14	25	5	9	10	11		6	21	15
15	26	6	7	21	57		10	22	15
16	27	7	6	3	47		17	23	14
17	28	8	6	15	33		17	24	15
18	29	9	5	27	20		18	25	16
19	30	10	5	9	32		8	26	16
20	31	11	4	21	53		17	27	16

By order then of thy Decrees di-
 vine,
 Th' hast set the Sun o'er all th'
 World to shine;
 And as the Subjects lightly suit their
 King,
 With his fair Light t' enlighten
 every Thing:
 His goodly Face th' ungodly ever
 fly,
 Seeking for Night's black horrid
 Canopy,
 To cover Theft, Rape, Incest, Mur-
 der too,
 And all foul Sins, which in the
 Dark they do;
 By him we see thy Works in their
 Propriety,
 Discern their Beauties, learn their
 vast Variety;
 Where without him the World would
 all return
 To th' old first Chaos, or in Blind-
 ness mourn.

A P R I L hath XXX Days.

D | h | 2m
D | 20 | R

New Moon the 6th Day at 4 Aftern.
First Quarter the 13th Day at 8 in Morn.
Full Moon the 21st Day at 1 in Morn.
Last Quarter the 29th Day at 5 in Morn.

1	12	22
6	12	22
11	13	21
16	13	21
21	13	20
26	14	20

M	W	St. Days	Moon's	Moon	D	Moon	Aspects, Sun
D	D	and Weat.	Signs.	South.	A.	ris. set.	ris. and sets.
1	g		legs	7 M 30	24	3 7	☐ ☉ h
2	A	Low Sun.	ances	8 19	25	3 30	
3	b	high win.	feet	9 0	26	3 51	
4	c	showery ;	and	9 54	27	4 5	Sun r. 34 m. p. 5.
5	d	O. & Cam.	toes	10 47	28	4 20	S. f. 27 m. p. 6.
6	e	Term beg.	head	11 44	N	Sets	
7	f	clear air ;	face	0 A 41	1	8 28	
8	g		neck	1 37	2	9 56	
9	A	2 S. aft. Ea.	throat	2 38	3 11	17	Δ 24 ♀
10	b	thunder	arms	3 40	4	Morn.	
11	c	and hail ;	should.	4 43	5	0 25	Sun r. 22 m. p. 5
12	d	Term be.	breast	5 41	6	1 15	S. f. 38 m. p. 6.
13	e	pleasant	stomach	6 38	7	1 56	☐ ♂ ♀
14	f	air, fresh	heart	7 28	8	2 25	
15	g		back	8 15	9	2 52	Sun r. 14 m. p. 5
16	A	3 S. aft. Ea.	bowels	9 0	10	3 12	S. f. 48 m. p. 6.
17	b	fewy	belly	9 43	11	3 26	
18	c	mornings ;	veins	10 27	12	3 38	
19	d	cold winds	and	10 11	13	3 56	
20	e	attended	loins	11 54	14	Rises	* ☉ ♂
21	f	with gent.	secret	Morn.	15	8 43	
22	g	ains.	members	0 39	16	9 17	St. George.
23	A	4 S. aft. Ea.	hips	1 27	17	10 21	Sun r. 56 m. p. 4.
24	b		and	2 15	18	11 19	S. f. 5 m. p. 7
25	c	St. Mark	thighs	2 3	19	Morn.	Δ h ♀
26	d		knees	3 5	20	0 5	
27	e	fine spring	hams	4 44	21	0 44	
28	f	weather.	legs	5 31	22	1 17	* ♀ ♀
29	g		and	6 20	23	1 31	
30	A	Reg. Sun.	ances	7 8	24	1 57	

Pearse.

A P R I L,

1769.

The Toads submit, and for their Lives they pray,
 Thus the poor Slaves the Hero's Voice obey;
 And you'r All conquering Sword, like Mose's Rod,
 Makes Infidels and Tyrants fear your God.
 Victory in Haste, with out-stretcht Wings, does fly
 To teach the Wretches to submit or die.

Old Style.

New Style.

D	D	°	′	″	♈	♉	♊	♋
21	1	12	2	4	35	19	28	16
22	A	13	1	17	42	20	29	17
23	3	14	0	1	17	20	11	18
24	4	14	59	15	19	21	1	18
25	5	15	58	29	40	22	1	19
26	6	16	57	14	4	22	2	20
27	7	17	56	29	29	23	3	20
28	8	18	53	14	8	23	4	2
29	A	19	55	29	1	24	5	22
30	10	20	52	13	11	24	6	23
31	11	21	51	28	12	25	6	24
1	12	22	49	12	11	26	7	25
2	13	23	48	25	52	26	8	25
3	14	24	46	9	15	27	9	28
4	15	25	45	22	22	27	10	29
5	A	26	44	5	15	28	10	30
6	17	27	42	17	54	28	11	1
7	18	28	40	0	22	29	12	2
8	19	29	3	12	39	30	12	4
9	20	30	38	24	46	31	13	5
10	21	1	36	6	45	1	14	7
11	22	2	35	18	37	1	14	8
12	A	3	33	0	4	2	15	9
13	24	4	32	12	12	3	16	11
14	25	5	30	25	C	3	16	12
15	26	6	28	5	55	4	17	14
16	27	7	26	18	C	4	17	16
17	28	8	25	0	55	5	18	17
18	29	9	2	12	5	6	18	19
19	30	10	21	26		6	19	21

Monthly Observations.

By him we calculate our Grandfires
 Dates,

Th' Increase of Kingdoms, and De-
 cay of States;

By him thou measur'st, Lord, to us
 and ours,

Years, Ages, Seasons, Months, Days,
 Minutes, Hours.

All Wits admire th' immense and
 wonderful Way,

His great bright Body circuits every
 Day;

The more his Orb is from the Center
 far,

The longer daily his great Journies
 are.

Besides his daily Course his Coursers
 drive,

One of three hundred three score
 Days and five.

M A Y hath XXXI Days.

D 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

New Moon the 5th Day at Midnight.

First Quarter the 12th Day at 5 Aftern.

Full Moon the 20th Day at 5 Afternoon.

Last Quarter the 28th Day at 4 Afternoon.

1 12 R
6 15 1
11 15 1
16 15 1
21 16 1
26 16 1

M	W	St. Days	Moon's	Moon	D	Moon	Aspects, Sun
D	D	and Weat.	Signs.	South.	A.	ris. sets.	ries and sets.
1	b	S. Ph. & Ja.	feet	7 M	54	25	2 13 Sun r. 47 m. p. 4
2	c	very ple	toes	8	44	25	2 32 S. f. 17 m. p. 7.
3	d	ant tea-	head	9	38	27	2 48
4	e	H. Thurf.	face	10	26	28	3 10
5	f	conable	neck	11	26	N	Sets * O h
6	g	weather	thr at	0 A	29	1	8 56
7	A	S. aft. Ea.	arms	1	31	2	10 12
8	b	Termend.	should.	2	35	3	11 1
9	c	begins the	breast	3	3	4	Morn. Sun r. 28 m. p. 4.
10	d	month;	stomach	4	37	5	0 4 S. f. 34 m p. 7.
11	e	Cxf. & Ca.	heart	5	31	6	0 38
12	f	Ter. ends	back	6	23	7	2 4 * ♂ ♀
13	g	warm and	bowels	7	8	8	2 20 * h ♀
14	A	White S.	and	7	51	9	2 34
15	b	dry weat.	pelly	8	34	10	3 49 ♂ h ♂
16	c		reins	9	18	11	Rises Sun. 20 m p 4
17	d	Emb. w.	loins	9	57	12	2 . f. 44 m. p. 7.
18	e	Sudden al-	secret	10	39	13	2 Δ 4 ♂
19	f	Q. Ch. h.	and	11	26	14	3
20	g	eration of	members	Morn.			Rises
21	A	Tric. San.	hips	0	13	16	9 24 ♂ O ♀
22	b	the air, as	thighs	1	0	17	10 4 Sun. 9 m. p. 4.
23	c	rain and	kne s	1	51	18	10. 44 S. f. 52 m. p. 7
24	d	hail, fol-	and	2	40	19	11 17 Cam. Term. 6.
25	e	P. F. W. b.	bams	3	29	20	11 42 Corpus Christi.
26	f	Ter. beg.	legs	4	17	21	Morn.
27	g	lowed	ankles	5	2	22	0 6 Δ h 4
28	A	I S. af. T.	feet	5	49	23	0 26
29	b	K. Ch. R.	toes	6	34	24	0 41 ♂ ♀ ♀
30	c	with some	head	7	19	25	0 54
31	d	hunder	face	8	12	26	1 17

Pearle.

MAY, 1769.

Old Style.
New Style.

We more Examples have, whilst that you slept,
Against the Tree your Guardian Angel kept:
Your sacred Person safe, and made you rise
Some Minutes 'fore the wand'ring Bullet flies.
Thus God supports you with his powerful Arm,
No Force shall hurt you, nor yet Treason harm.

	D	O	8	9	X	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
20	1	11	19	9	34	7	19	22																		
21	2	12	17	23	34	7	20	24																		
22	3	13	15	8	Υ	2	8	20	26																	
23	4	14	13	22	53	9	20	28																		
24	5	15	11	7	8	59	9	21	29																	
25	6	16	8	23	11	10	21	8																		
26	A	17	7	8	II	19	10	21	3																	
27	8	18	5	23	14	11	22	5																		
28	9	19	2	7	49	12	22	7																		
29	10	20	C	22	14	12	R	9																		
30	11	20	58	5	Ω	48	13	22	11																	
May	12	21	56	19	12	13	22	13																		
	13	22	54	2	Π	5	14	22	15																	
3	A	23	52	15	0	15	22	17																		
4	15	25	49	27	29	15	22	19																		
5	16	25	47	9	45	16	22	21																		
6	17	26	45	21	50	16	22	24																		
7	18	27	43	3	Π	50	17	22	26																	
8	19	28	40	15	39	18	21	28																		
9	20	29	38	27	26	18	21	II																		
10	A	0	II	36	9	†	13	19	21	2																
11	22	1	33	21	0	19	20	5																		
12	23	2	31	2	5	20	20	7																		
13	24	3	28	14	51	21	20	9																		
14	25	4	26	27	0	21	20	11																		
15	26	5	23	9	23	22	19	13																		
16	27	6	21	22	3	22	19	15																		
17	A	7	18	5	X	4	23	18	17																	
18	29	8	16	18	29	24	18	19																		
19	30	9	13	2	Υ	20	24	17	22																	
20	31	10	11	16	37	24	16	24																		

Monthly Observations.

Five Hours, three Quarters, of which
over-plus,
In every fourth Year grows a Day
with us.
Yet whofo would the Year exactly
rate,
In five-score five Years must one
leap abate,
And in threecore, for th'Error ready
past,
Should no Biffextile in our Books be
plac'd:
But though we err he never errs
at all;
Nor since thou didst him in his State
install,
Hath he miss'd Moment of the
Task he ought,
Though he have seen Men fail and
fall so oft.
Above all Creatures he retains of
thee
Something conform to thine eter-
nity.

B

Fo1

JUNE hath XXX Days.

New Moon the 4th Day at 7 Morning.
 First Quarter the 11th Day at 5 Morning.
 Full Moon the 19th Day at 7 Morning.
 Last Quarter the 27th Day at 1 Morning.

D	h	m
1	17	15
6	18	15
11	18	14
16	19	14
21	20	14
26	21	13

DD	Saints Days. & Weather.	Moon's Signs.	Moon South.	D	Moon Alt. & sets	Aspects & Sun rises and sets.
1 e		neck	9 M 6	27	1 40	Sun rises 54' p. 3
2 f	The first week	throat	10 5	28	2 8	Sun sets 7' p. 8
3 g	proves pretty	arms	11 4	29	2 40	
4 A	2 S. aft. Trin.	should.	0 A 10	●	D sets	K. G. III. born
5 b	moderate an.	breast	1 15	1 9	43	♂ ♀ 0
6 c	seasonable;	stom.	2 17	2 10	34	
7 d	afterwards	heart	3 16	3 11	0	
8 e	dark, cloudy	and	4 9	4 11	24	Sun rises 48' p. 3
9 f	weather	back	4 57	5 11	42	Sun sets 12' p. 8
10 g		bowels	5 42	6 11	54	
11 A	3 S. aft. Trin.	belly	6 24	7	Morn	St. Barnabas
12 b		veins	7 7	8 0	10	
13 c	with heat and	loins	8 51	9 0	30	Δ 4 8
14 d	Term ends.	secret	8 34	10 0	50	
15 e	pretty high	and	9 18	11 1	10	
16 f	winds, but	memb.	10 6	12 1	31	
17 g	not violent.	hips	10 52	13 2	0	♂ ♀ 8
18 A	4 S. aft. Trin.	and	11 43	14 2	40	
19 b		thighs	Morn	0	D rises	Sun rises 47' p. 3
20 c		knees	0 33	16 9	18	Sun sets 13' p. 8
21 d	Longest Day	hams	1 19	17 9	46	
22 e		legs	2 7	18 10	10	* ♂ ♀
23 f		ankles	2 54	19 10	28	
24 g	St John Bap.	feet	3 40	20 10	44	
25 A	5 S. aft. Trin.	and	4 25	21 10	57	Sun rises 47' p. 3
26 b	Pleasant.	toes	5 10	22 11	16	Sun sets 13' p. 8
27 c		head	5 56	23 11	40	
28 d	Thunder	face	6 50	24	Morn	
29 e	St. Pet. & Pa.	neck	7 44	25 0	3	□ 4 ♂
30 f	showrs.	throat	8 39	26 0	40	

Pearse.

JUNE, 1769.

D

New
Stile.
Old Stile.

Your Glory, Sir, is like the rising Sun,
And, by your Sword, shall mighty Things be done :
Proceed and smite by the Decree of Fates ;
Be Judge of Kingdoms, and dispose of States.
From you their Rise or Downfall they assume,
Expecting from your brandish'd Sword their Doom.

I
6
11
16
21
26

Monthly Observations.

D	D	0	1	2	3	4	5	6	7	8	9	10	11	12
21	1	11	8	1	18	25	16	26						
22	2	12	5	16	18	26	R	27						
23	3	13	3	1	II	29	27	15	29					
24	A	14	0	16	41	27	14	25						
25	5	15	7	1	25	46	28	13	3					
26	6	16	5	16	33	28	13	5						
27	7	17	2	0	Ω	57	29	12	6					
28	8	17	59	14	55	30	11	8						
29	9	18	57	28	26	Ω	11	10						
30	10	19	55	11	II	32	1	10	11					
31	A	20	51	24	16	1	10	13						
June	12	21	49	6	41	2	9	14						
	13	22	46	18	51	3	9	16						
	3	14	23	43	om	50	3	8	17					
	4	15	24	40	12	42	4	8	18					
	5	16	25	38	24	29	4	7	20					
	6	17	26	35	6	16	5	7	21					
	7	A	27	32	18	5	6	7	22					
	8	19	28	9	29	58	6	7	23					
	9	20	29	6	11	58	7	6	24					
	10	21	0	25	4	24	7	7	6	25				
	11	22	1	1	6	26	8	6	6	26				
	12	23	2	8	18	58	9	6	27					
	13	24	3	5	1	46	9	6	28					
	14	A	4	2	14	50	10	6	29					
	15	26	5	0	28	13	10	6	30					
	16	27	6	7	11	55	11	D	Ω					
	17	28	7	4	25	56	12	6	1					
	18	29	8	1	10	8	22	12	6	2				
	19	30	8	58	25	4	13	6	2					

On the 4th Day of this Month,
1738, was born his most sacred
Majesty GEORGE the Third, King
of England, Scotland, France, and
Ireland, Defender of the Faith.

On the 10th Day of this Month,
1711, was born the hopeful Princess
Amelia Sophia, second Daughter to
his late Majesty King George the
Second.

For though he sees our hourly Changes
here,
His Light and Beauty still the same
appear :
How often Changes hath he seen on
Earth,
Kings, Kingdoms, States, their Bu-
rial and their Birth ;
Rising and falling of triumphant
Races,
Rising and raising of renowned
Places ;
How often hath he seen the Empires
revers'd,
Rich Cities sack'd, rare Common-
weals dispers'd.

B 2

Fields

J U L Y hath XXXI Days.

New Moon the 3d Day at 3 Afternoon.
 First Quarter the 10th Day at 6 Afternoon.
 Full Moon the 18th Day at 10 Night.
 Last Quarter the 26th Day at 7 Morning.

D	h	m
1	21	13
6	22	13
11	22	D
16	23	13
21	23	13
26	24	14

D	D	Saints Days & Weather.	Moon's Signs.	Moon South	D	Moon A	r. & sets	Aspects & Sun rises and sets.
1	g		hams	9	M 45	27	1 7	Sun rises 48' p.3
2	A	6S. aft. Trin.	should.	10	49	28	2 9	Sun sets 12' p. 8
3	b	Pleasant	breast	11	53	○	D sets	
4	c	showers,	stom.	○	A 53	1 8	52	
5	d	○ Mid. Day	heart	1	51	2 9	24	△ ○ 4
6	e	by turns.	back	2	43	3 9	43	
7	f	Tho. a Beck	bowels	3	30	4 10	0	
8	g		reins	4	16	5 10	12	
9	A	7S. aft. Trin.	and	5	0	6 10	32	Sun rises 51' p.3
10	b	Thunder in	loins	5	44	7 10	54	Sun sets 9' p.8
11	c	some places.	secret	6	28	8 11	16	
12	d		memb.	7	14	9 11	0	
13	e		hips	8	0	10	Morn.	
14	f		and	8	44	11 0	0	
15	g	Swithin.	thighs	9	35	12 0	36	△ ○ 6
16	A	8S. aft. Trin.	knees	10	25	13 1	22	
17	b	Moist Air,	hams	11	13	14 2	20	
18	c	if not rain	legs	12	0	●	D rises	Sun rises 0' p. 4
19	d	and wind.	ankles	Morn.	16	8	8	Sun sets 59 p.7
20	e	Margaret.	feet	0	48	17 8	30	
21	f		toes	1	36	18 8	46	
22	g	Q. of D. bo.	head	2	21	19 9	2	
23	A	9S. aft. Trin.	face	3	6	20 9	12	Sun rises 7' p 4
24	b	Showery,	neck	3	56	21 9	38	Sun sets 52' p.7
25	c	St. James.	throat	4	46	22 10	6	△ 4 8
26	d	St. Anne.	arms	5	35	23 10	32	
27	e		should.	6	29	24 11	2	
28	f	like thunder.	breast	7	27	25 11	46	
29	g		and	8	39	26	Morn.	
30	A	10S. af. Trin	stom.	9	32	27 0	46	Dog Days beg.
31	b			10	38	28 2	1	

Pearse.

JULY, 1769. T A U O N

D 14

New
Stile.
Old Stile.

The late adored King, by regal Act,
When he was crown'd made us a solemn Pact:
The People clam'd his Oath and royal Word,
But, 'stead of them, held forth the lawless Sword:
His Subjects might not their own Right dispute,
His Parasites declar'd him absolute.

1
6
11
16
21
26

D	D	☉	☽	☿	♂	♀	♂	♀	Monthly Observations.
20	A	9	55	9	59	14	6	3	
21	A	10	53	24	59	14	6	3	Fields turn'd to Floods, and Seas
22	3	11	50	9	58	15	7	3	return'd to Sands,
23	4	12	47	24	45	15	7	3	While steadfast he between his Tro-
24	5	13	45	9	Ω	13	16	7	pics stands:
25	6	14	41	23	18	16	8	4	Him just betwixt six Wanderers haſt
26	7	15	39	6	♂	55	17	8	thou plac'd,
27	8	16	36	20	6	18	8	R	Which prance about him with un-
28	A	17	33	2	♂	53	18	9	equal Haſt;
29	10	18	30	15	18	19	9	3	All which without him could no
30	11	19	27	27	27	19	10	3	Light reflect,
July	12	20	25	9	♂	24	20	10	As is apparent by the Moon's De-
1	13	21	22	21	14	21	11	2	fect.
2	14	22	19	2	♂	31	21	11	By his Aspect her own ſhe daily
3	15	23	16	14	50	22	12	1	makes,
4	A	24	14	26	44	22	12	0	She, waxleſs, waneleſs, doth both
5	17	25	11	8	♂	45	23	13	wane and wax:
6	18	26	8	20	58	24	14	29	And though to us ſhe ſeem a ſemi
7	19	27	5	3	♂	22	24	14	Ray,
8	20	28	3	15	58	25	15	27	Her full round Face doth never fall
9	21	29	0	28	49	25	16	27	away.
10	22	29	57	11	♂	52	26	16	
11	A	0	Ω	55	25	8	27	17	On the 22d Day of this Month.
12	24	1	52	8	♂	37	27	18	1763, was born the Queen of
13	25	2	49	22	19	28	19	24	Denmark, fourth Daughter to the
14	26	3	47	6	8	14	28	19	Prince's Dowager of Wales.
15	27	4	44	20	23	29	20	24	
16	28	5	41	4	♂	43	30	21	By his fair Beam, as well by Day
17	29	6	39	19	14	♂	22	23	as Night,
18	A	7	36	3	♂	51	1	22	The full whole Half of her thick
19	31	8	34	18	29	2	23	1	Orb is bright.
20									

B 3

And

AUGUST hath XXXI Days.

New Moon the 1st Day at 11 Night.
 First Quarter the 9th Day at 1 Afternoon.
 Full Moon the 17th Day at 11 Morning.
 Last Quarter the 24th Day at 1 Afternoon.
 New Moon the 31st Day 10 Morning.

D	h	m
1	25	14
6	25	14
11	26	15
16	26	15
21	27	16
26	28	16

D	D	Saints Days & Weather.	Moon's Signs.	Moon South.	D	Moon A r. & set.	Aspects & Sun rises and sets.
1	c		heart	11 31	O	D sets	Sun rises 15' p. 4
2	d	Lammas D.	back	0 A 25	1	7 43	Sun sets 42' p. 7
3	e		bowels	1 16	2	7 59	
4	f	Stormy at the	and	2 3	3	8 14	
5	g	beginning,	belly	2 53	4	8 34	
6	A	11 S. af. Trin	reins	3 34	5	8 56	
7	b		loins	4 19	6	9 14	Sun rises 29' p. 4
8	c	with wind	secret	5 4	7	9 34	Sun sets 29' p. 7
9	d	and rain by	and	5 50	8	9 58	
10	e	turns.	memb.	6 36	9	10 34	
11	f	Prs Brunf. b.	hips	7 25	10	11 14	
12	g	Pr. Wales b.	thighs	8 14	11	Morn.	Old Lam. Day
13	A	12 S. af. Trin	knees	9 3	12	0 2	Sun rises 48' p. 4
14	b		and	9 52	13	1 3	Sun sets 30' p. 7
15	c	Ass. B. V. M.	bams	10 40	14	2 9	
16	d	Pr. Fred. bo.	legs	11 28	15	3 13	
17	e	Cloudy and	ancles	0 M 15	●	D rises	□ 4 ♀
18	f	overcast, but	feet	1 4	17	7 13	* 4 ♂
19	g	warm.	toes	1 53	18	7 24	
20	A	13 S. af. Trin	head	2 42	19	7 47	
21	b		face	3 32	20	8 13	
22	c	Thunder.	neck	4 23	21	8 39	△ 4 ♀
23	d		and	5 19	22	9 6	
24	e	St. Barthol.	throat	6 20	23	9 46	
25	f	Pleasant.	arms	7 20	24	10 38	
26	g	For some days	should.	8 20	25	11 48	Sun rises 8' p. 5
27	A	14 S. af. Trin	breast	9 16	26	1 M 4	Sun sets 50' p. 7
28	b	seasonable to	stom.	10 12	27	2 26	
29	c	wards the	back	11 4	28	3 48	△ ♂ ♀
30	d	end.	bowels	11 52	29		
31	e				O	D sets	

Pearse. AUGUST, 1769.

D 1 4

Old Style.
New Style.

But God, who heard us cry, and heard us groan,
Our righteous Cause espoused for his own;
Their holy Plot for the pretended Cause,
Made to ensnare us and o'return our Laws:
He did defeat, and caught, in their own Snare,
Th'Impostor they designed the Kingdom's Heir.

1
6
11
16
21
26

D D O 1 2 3 4 5 6 7 8 9 10 11 12

Monthly Observations.

21 1 9 31 3 19 3 24 23
22 2 10 28 17 20 3 25 23
23 3 11 26 1 20 4 26 24
24 4 12 23 14 30 5 27 24
25 5 13 21 28 9 5 28 25
26 A 14 19 10 57 6 29 26
27 7 15 16 23 24 7 29 26
28 8 16 14 5 33 7 30 27
29 9 17 11 17 30 8 1 28
30 10 18 9 29 20 9 2 29
31 11 19 7 11 7 9 3 30
Aug. 12 20 4 22 58 10 4 2
A 21 2 4 57 11 5 3
3 14 23 0 17 7 11 6
4 15 23 57 29 32 12 7
5 16 24 53 12 12 13 8
6 17 25 53 25 10 13 9
7 18 26 51 8 23 14 10
8 19 27 48 21 49 15 11
9 A 28 46 5 28 15 12
10 21 29 44 19 15 16 13
11 22 0 42 3 8 17 14
12 23 1 40 17 6 17 15
13 24 2 38 1 9 18 16
14 25 3 36 15 15 19 17
15 26 4 34 29 26 19 18
16 A 5 32 13 38 20 19
17 28 6 30 27 49 21 20
18 29 7 28 11 56 21 21
19 30 8 26 25 52 22 22
20 31 9 24 9 35 22 22

And as she draws near or far off from him,
So, more or less, our half is clear or dim.
Her upper Half is full in her Coition,
Her lower Half is so in Opposition:
Her other Quarters other Forms express,
And, up or downward, shew her more or less.

On the 12th Day of this Month, 1737, was born Princess of Brunswick, first Daughter to her Royal Highness the Princess Dowager of Wales.

When we see little, then the Heav'ns have store,
When Heav'ns see little then have we the more.
Nearer the Sun the less she seems in Sight,
Turning her Horn still to her Opposite:
At even, increasing, she the Sun succeeds,
At morn, decreasing, she his Car precedes:
So that each Month the Sun environs her,
On every Side his Splendor to confer.

Her

SEPTEMBER hath XXX Days. D h 24

First Quarter the 8th Day at 6 Morning.
 Full Moon the 15th Day at 10 Night.
 Last Quarter the 22d Day at 6 Night.
 New Moon the 29th Day at 10 Night.

1	29	17
6	29	18
11	30	19
16	31	20
21	0	20
26	1	21

L	D	Saints Days & Weather.	Moon's Signs,	Moon South.	D	Moon r. & sets	Alpects & Sun rises and sets.
1	t	Hot, but	belly	0 A 42	1	6 12 29	
2	g	showery,	reins	1 31	2	7 1	♂ ☉ ♀
3	A	15 S. af. Trin	loins	2 17	3	7 23	Sun rises 22' p. 5
4	b	ly turns cold	secret	3 3	4	7 38	Sun sets 36' p. 6
5	c	rain.	and	3 50	5	8 6	♂ ♀
6	d		memb.	4 37	6	8 36	
7	e	Dog. D. end	hips	5 24	7	9 14	
8	f	Pleasant,	and	6 15	8	10 9	
9	g	warm	thighs	7 5	9	10 38	
10	A	16 S. af. Trin	knees	7 54	10	11 53	Sun rises 36' p. 5
11	b	weather.	and	8 42	11	Morn.	Sun sets 22' p. 6
12	c	Gentle breeze	hams	9 29	12	1 3	* ♀ ♂
13	d	of winds.	legs	10 17	13	2 31	* ☉ ♀
14	e	Holy Cross	Dances	11 6	14	3 33	* ♀ ♂
15	f		feet	11 54	●	11 rises	♂ ♂ ♀
16	g		toes	Morn.	16	6 3	
17	A	17 S. af. Trin	head	0 45	17	6 28	Sun rises 48' p. 5
18	b	High winds.	and	1 36	18	6 52	Sun sets 10' p. 6
19	c		face	2 29	19	7 13	
20	d	Ember week	neck	3 26	20	7 51	
21	e	St. Matthew	throat	4 25	21	8 44	
22	f	Some showers	arms	5 25	22	9 48	
23	g	Eq. day 2 ni.	should.	6 25	23	11 9	* ☉ ♀
24	A	18 S. af. Trin	breast	7 24	24	Morn	Sun rises 2' p. 6
25	b	Thunder and	stom.	8 18	25	0 22	Sun sets 56' p. 5
26	c	lightning in	heart	9 11	26	1 41	□ ♀
27	d	many places.	back	10 2	27	3 0	
28	e		bowels	10 47	28	4 20	* ♀ ♂
29	f	St. Michael	belly	11 33	○	11 sets	
30	g		reins	0 A 20	1	5 31	

Pearse. SEPTEMBER, 1769.

Old Style.
New Style.

Whilst the whole Army of the French lay by,
You taught your Men their Numbers to defy:
Their Garrisons demolish'd in their Sight,
Whilst they beheld, and did themselves no Right.
They threaten'd a Revenge, and boldly swore,
But all the Affronts you offer'd timely bore.

D	D	°	°	°	°	°	°	°	°	Monthly Observations.
21	1	9	22	23	2	23	24	8		
22	2	10	21	6	4	24	25	10		
23	A	11	19	18	49	24	26	12		On the 2d, 3d, 4th, and 5th Day
24	4	12	17	1	m	4	25	14		of this Month, in the Old Style, or
25	5	13	16	13	22	25	28	16		on the 13th, 14th, 15th and 16th,
26	6	14	14	25	19	26	30	18		according to the New Style, was the
27	7	15	12	7	f	9	27	20		glorious City of London burned by
28	8	16	11	18	56	28	2	21		those vile Incendiaries the Papists.
29	9	17	9	0	v	48	28	3	23	Thereof re-ct he Rememb n of his
30	A	18	8	12	48	29	4	25		memorable Year of our Lord, 1666
31	11	19	6	25	2	30	5	27		be engraven in terrible Characters
1	12	20	5	7	m	35	6	29		on the Hearts of Posterity, to make
2	13	21	3	20	27	1	7	1		them abhor and de est Popery, and
3	14	22	2	3	X	41	2	9	2	all such vile Incendiaries. Let it
4	15	23	0	17	15	2	10	4		remain a Mon ment of Gratitude to
5	16	23	59	1	v	7	3	11	5	God, of Caution to England, and
6	A	24	58	15	12	4	12	7		to the Protestants in General; and
7	18	25	56	29	26	4	14	9		a Shame to Rom .
8	19	26	55	13	8	42	5	15	10	Her silver Light then only faileth
9	20	27	54	27	57	6	16	12		her,
10	21	28	53	12	11	8	6	18	14	When th'Earth's between them in
11	22	29	51	26	14	7	19	15		Diameter;
12	23	0	50	10	16	8	19	17		Which masks her Beauty, with a
13	A	1	49	24	9	8	20	18		fable Cloud;
14	25	2	48	7	15	9	21	20		From Sight of him, her Brother,
15	26	3	47	21	38	10	22	21		Golden-brow'd.
16	27	4	46	5	17	8	10	23	23	Good Lord, what Changes dost thou
17	28	5	45	18	27	11	24	24		work by these
18	29	6	44	1	31	11	25	20		Varieties, in Air, in Earth, and
19	30	7	43	14	20	12	27	27		Seas!

Fair

OCTOBER hath XXXI Days.

First Quarter 8th Day at 1 Morning.
 Full Moon the 15th Day at 9 Morning.
 Last Quarter the 22d Day at 2 Morning.
 New Moon the 29th Day at 2 Afternoon.

D	h	m
1	1	22
6	1	23
11	2	24
16	2	25
21	2	26
26	2	27

D	D	Saints Days & Weather.	Moon's Signs.	Moon South.	D	Moon & sets	Aspects & Sun rises and sets.
1	A	19 S. af. Trin	loins	1 A 6	2	5 1. 56	
2	b		secret	1 53	3	6 20	
3	c	Cold, wet	memb.	2 40	4	6 44	☐ ♄ ☿
4	d	sweatber.	bips	3 27	5	7 22	Sun rises 22' p. 6
5	e	Rain and	and	4 16	6	8 6	Sun sets 36' p. 5
6	f	windy.	highs	5 6	7	3 56	
7	g		knees	5 55	8	10 0	
8	A	20 S. af. Trin	hams	6 43	9	11 4	
9	b	St. Dennis	legs	7 30	10	Morn.	
10	c	Old Mich. D.	and	8 19	11	0 20	Sun rises 34' p. 6
11	d		ankles	9 8	12	1 26	Sun sets 24' p. 5
12	e	Warm,	feet	9 56	13	2 42	
13	f	again good	toes	10 45	14	4 5	
14	g	weather.	head	11 35	15	5 22	♄ ☉ ♄
15	A	21 S. af. Trin	face	Morn. ●	D	rises	
16	b	Misty morn-	neck	0 28	17	5 24	
17	c	ings.	throat	1 24	18	5 53	
18	d	St. Luke	arms	2 22	19	6 45	Sun rises 48' p. 6
19	e	Warm, but	should.	3 24	20	7 46	Sun sets 11' p. 5
20	f	cloudy, and	breast	4 29	21	8 58	
21	g	foggy.	stom.	5 28	22	10 16	
22	A	22 S. af. Trin	heart	6 23	23	11 36	
23	b		back	7 15	24	Morn.	* ♄ ☿
24	c		bowels	8 5	25	0 53	☐ ☉ ♄
25	d	K. G. III. in.	belly	8 52	26	2 12	Crispin
26	e	K. G. III. pr.	reins	9 36	27	3 32	* ♄ ☿
27	f		reins	10 20	28	4 46	
28	g	St. Sim. & Jc.	loins	11 8	29	5 52	
29	A	23 S. af. Trin	secret	11 52	30	D sets	
30	b	Cold and frost	and	0 40	1	4 49	* ♄ ☿
31	c	air.	memb.	1 27	2	5 23	

Pearse.

OCTOBER, 1769,

Old Style.
New Style.

Thus you, great Sir, the Tyrant's Force defy,
And boldly make him give himself the Lye,
He promis'd the Grand Signior Gold and Men,
But perjur'd Lewis kept no Word in Ten:
The grand Vizier swore then, by Mahmet's Soul,
That French Monsieur was either Knave or Fool.

D	D	O	P	P	P	P	P	P	P	Monthly Observations.
20	A	8	43	26	52	13	28	29		
21	2	9	42	9m	10	13	29	m		Fair or foul Weather, Wind, or Wet,
22	3	10	41	21	15	14	m	1		or Thunder,
23	4	11	40	3	10	15	1	3		To Dry, or Drip, or Cool, or Warm
24	5	12	39	14	58	15	3	4		here under.
25	6	13	39	26	47	16	4	5		If she but smile the fourth Day,
26	7	14	38	8	36	17	5	7		'twill be fair,
27	A	15	38	20	35	17	6	8		If then she blush, we shall have
28	9	16	38	2	49	18	7	9		blustering Air;
29	10	17	36	15	21	19	9	10		If then her Brows be muffled with a
30	11	18	36	28	16	19	10	11		Frown,
12	12	19	36	11	36	20	11	12		Most of that Month shall sad tears
13	13	20	35	25	22	21	12	13		trickle down.
14	14	21	35	9	31	21	13	14		Thus doth the Vigour of the Signs
4	A	22	35	23	59	22	14	16		superiour,
5	16	23	34	8	38	23	16	17		Rule in the Virtues of these Things
6	17	24	34	23	22	23	17	18		inferior:
7	18	25	33	8	32	24	18	19		But all are govern'd by thy sovereign
8	19	26	33	22	36	25	19	20		Might;
9	20	27	33	6	56	25	20	22		O, happy he! who understands it
10	21	28	33	21	1	26	22	23		right:
11	A	29	33	4	52	27	23	23		Thrice happy he who sees thee every
12	23	om	33	18	28	27	24	24		where,
13	24	1	32	1	58	28	25	25		In Heav'n and Earth, in Water, Fire,
14	25	2	32	14	54	29	27	26		and Air:
15	26	3	32	27	53	29	28	26		Who doe admiring thy wise Works
16	27	4	32	10	36	30	29	26		of Yore,
17	28	5	33	23	6	m	29	26		Thee above all, thee only doth adore
18	A	6	33	5	m	23	1	1		Who knows thee so, so needs must
19	30	7	33	17	30	3	2	27		love thee too,
20	31	8	33	29	30	4	3	R		And with his Will thy sacred Will
										would do.

Still

NOVEMBER hath XXX Days.

First Quarter the 6th Day at 7 Night.

Full Moon the 13th Day at 8 Night.

Last Quarter the 20th Day at Noon.

New Moon the 28th Day at 3 Morning.

D	h	m
1	3	29
6	3	38
11	3	4
16	R	2
21	3	3
26	3	4

D	D	Saints Days & Weather.	Moon's Signs.	Moon South	Moon A.	Moon f.	Aspects & Sun rises and sets.
1	d	All Saints	bips	2 A 17	3	6let 4	
2	e	All Souls	chighs	3 6	4	6 51	Sun rises 19' p. 7
3	f	Frost or fleets.	knees	3 54	5	7 51	Sun sets 40' p. 4
4	g		and	4 41	6	8 53	
5	A	24 S. af. Trin	hams	5 28	7	10 5	Powder Plot.
6	b	Term begins	legs	6 15	8	11 8	
7	c	This month	ancles	7 0	9	Morn.	
8	d	participates	feet	7 45	10	0 18	
9	e	of the wea-	toes	8 30	11	1 37	♂ ☉ ♀
10	f	iber at the	head	9 19	12	2 57	
11	g	Martinmas	face	10 13	13	4 12	Sun rises 36' p. 7
12	A	25 S. af. Trin	neck	11 39	14	5 32	Sun sets 22' p. 4
13	b	end of the	throat	Morn	●	D rises	
14	c	last.	arms	0 10	16	4 35	
15	d		should.	1 10	17	5 38	♂ ♂ ♀
16	e		breast	2 15	18	6 46	
17	f	However,	stom.	3 17	19	8 2	
18	g	in general,	heart	4 16	20	9 29	
19	A	26 S. af. Trin	and	5 10	21	10 45	
20	b	ake the	back	6 22	22	Morn.	Sun rises 46' p. 7
21	c	whole month,	bowels	6 49	23	0 8	Sun sets 13' p. 4
22	d	it will be mo-	belly	7 35	24	1 24	Δ ♀ ♀
23	e	derate confi-	reins	8 19	25	2 39	
24	f	dering the	loins	9 3	26	3 42	
25	g	Ja/on.	secret	9 49	27	4 40	
26	A	27 S. af. Trin	and	10 36	28	5 30	Δ ☉ ♀
27	b	Term ends	memb.	11 23	29	6 8	♂ ☉ ♀
28	c	Now and then	thighs	0 A 10	○	D sets.	Sun rises 56' p. 7
29	d	ittle frost.	knees	0 59	1	4 41	Sun sets 3' p. 4
30	e	St. Andrew		1 47	2	5 35	Prs. Do. W. bo.

Pearse. NOVEMBER, 1769.

Charm'd with the dazzling Scene of Glorious Acts,
My wondering Soul amazedly reflects:
'Tis you, Sir, sav'd us from the Dragon's Jaws;
'Tis you, through God, preserv'd us, and our Laws:
'Tis you that did our Liberties restore,
And Freedoms gave we never knew before.

Old Style
New Style

										Monthly Observations.
D	D	M	D	M	D	M	D	M	D	
21	1	9	33	31	43	3	5	R		
22	2	10	33	23	6	4	6	26		Still lifts his Eyes to Heavenward, to contemple
23	3	11	34	4	53	5	7	25		The stately Wonders of thy Rarry Temple.
24	4	12	34	16	43	6	9	24		
25	A	13	34	28	42	6	10	23		
26	6	14	34	10	53	7	11	22		On the 7th Day of th's Month,
27	7	15	34	23	22	8	12	21	743,	the Duke of Cumberland,
28	8	16	35	6	X13	8	14	20		fourth Son of her Royal Highness the Princess Dowager of Wales, was born.
29	9	17	35	19	27	9	15	18		
30	10	18	36	3	Y11	10	16	17		On th' ample Surface of whose massy Ball,
31	11	19	36	17	21	10	17	16		Men round about do trample over all:
Nov.	A	20	37	1	856	11	18	15		Foot against Foot, though still, O strange Effect,
	13	21	37	16	50	12	20	14		Their Faces all be towards Heav'n erect.
	3	14	22	38	I II 54	12	21	13		Those dwelling under th' Equinoctial, they
	4	15	23	39	17	0	13	22	12	Have, all the Year long, equal Night and Day.
	5	16	24	39	I 55 8	14	23	12		
	6	17	25	40	15	41	14	25	11	The 25th Day of this Month,
	7	18	26	41	28 Ω	4	15	26	11	743, the hopeful Duke of Glou-
	8	A	27	41	15	4	16	27	11	cester, third Son of her Royal Highness the Princess Dowager of Wales, was born.
	9	20	28	42	28	41	16	28	D	
	10	21	29	43	11 757	17	M	11		On the 30th Day of this Month,
11	22	0	43	24	54	18	1	12	743,	719, was born her Royal Highness the Princess Dowager of Wales.
12	23	1	44	7	14	18	2	12		
13	24	2	45	19	59	19	3	13		
14	25	3	46	2	M13	20	5	14		
15	A	4	47	14	16	20	6	15		
16	27	5	47	26	12	21	7	16		
17	28	6	48	7	13	22	8	18		
18	29	7	49	19	51	22	9	18		
19	30	8	50	1	58	23	11	19		

Those

DECEMBER hath XXXI Days:

First Quarter the 6th Day at Noon.

Full Moon the 13th Day at 7 Morning.

Last Quarter the 20th Day at 1 Morning.

New Moon the 28th Day at 5 Morning.

D	h	q
1	2	5
6	R	6
11	2	7
16	1	9
21	1	10
26	1	11

D	D	Saints Days & Weather.	Moon's Signs.	Moon South.	A	Moon r. & sets	Aspects & Sun rises and sets.
1	t		and	2 A 32	3	6 f. 39	
2	g	Confidering	hams	3 17	4	7 43	Sun rises 2' p. 8
3	A	Advent Sun.	legs	4 1	5	8 54	Sun sets 57' p. 3
4	b	the season the	angles	4 47	6	10 10	
5	c	weather	feet	5 31	7	11 13	
6	d	begins very	and	6 14	8	Morn.	
7	e	gentle, but	toes	7 2	9	0 32	♂ ♂ ♀
8	f	Co. B. V. M.	head	7 51	10	1 45	
9	g		face	8 42	11	3 12	Δ h ♀
10	A	2 S. in Adv.	neck	9 38	12	4 32	
11	b	afterwards	throat	10 38	13	5 54	Sun rises 10' p. 8
12	c	expect high	arms	11 43	14	D rises	Δ h ♂
13	d	Lucy	should.	Morn.	●	4 7	Sun sets 49' p. 3
14	e	winds, which	breast	0 48	16	5 20	♂ 4 ♀
15	f	will blow up	stom.	1 51	17	6 49	
16	g	some snow,	heart	2 48	18	8 12	Δ h ♀
17	A	3 S. in Adv.	back	3 42	19	9 30	
18	b	and much cold	bowels	4 31	20	10 56	
19	c	weather.	belly	5 17	21	Morn.	Sun rises 12' p. 8
20	d	Ember Week	knees	6 3	22	0 12	Sun sets 48' p. 3
21	e		and	6 49	23	1 22	
22	f	Some frost.	loins	7 33	24	2 33	
23	g		secrets	8 19	25	3 54	♂ ♂ ♀
24	A	4 S. in Adv.	memb.	9 6	26	4 54	
25	b	Christm. D.	hips	9 52	27	5 56	
26	c	St. Stephen.	and	10 39	28	6 56	
27	d	St. John	thighs	11 27	29	7 50	
28	e	Holy Inno.	knees	0 A 16	○	D sets	♂ 4 ♂
29	f		hams	1 5	1	5 19	Sun rises 11' p. 8
30	g		legs	1 50	2	6 14	Sun sets 49' p. 3
31	A	1 S. af. Chris.	angles	2 35	3	7 19	Silvester.

Peatse. DECEMBER, 1769.

Old Style.
New Style.

May you on Piety your Throne erect,
May the Most High your certain Way direct ;
And may your Heart to God the Lord so turn,
That in a secret Flame your Zeal to burn ,
May you be fix'd for ever on the Throne,
And they who seek your Ruin find their own.

D D ° 1 2 3 4 5 6 7 8 9 10 11 12												Monthly Observations.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
20	1	9	51	13	27	24	12	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

A TABLE of the common Notes and Moveable Feasts for the Year 1769.

Common Notes for the Year 1769.

Golden Number	3	Easter Sunday	March 26
Epact	22	Rogation Sunday,	April 30
Dominical Letter	A	Ascension Day,	May 4
Shrove Sunday	Feb. 5	Whit-Sunday	May 14
Cycle of the Sun	14	Trinity Sunday	May 21

The Names and Characters of the Planets, with the *Dragon's Head and Tail.*

♄ Saturn	}	☉ <i>Sol</i> , the Sun	}	♀ Venus
♃ Jupiter				☿ Mercury
♂ Mars				☾ The Moon.
				♈ Dragon's Head.
				♏ Dragon's Tail.

The Characters of the A S P E C T S.

♌ Conjunction	}	♌ Opposition	}	△ Trine
* Sexiile				□ Square.

Upon the Twelve S I G N S.

- ♈ *Aries*, the Head and Face the horned Ram doth rule,
 ♉ *Taurus*, the Neck and Throat are govern'd by the Bull,
 ♊ *Gemini*, the Twins the Arms and Shoulders guide,
 ♋ *Cancer*, the Crab-fish on the crafty Breast doth ride,
 ♌ *Leo*, the Lyon strong claims both the Back and Heart,
 ♍ *Virgo*, the Virgin chaste defends the Belly-part,
 ♎ *Libra*, the equal Balance weigh the Reins and Loins,
 ♏ *Scorpio*, the Scorpion the Secrets always claims,
 ♐ *Sagittarius*, the Archer boldly owns the Thighs his Due,
 ♑ *Capricorn*, the Goat will have the Knees to view,
 ♒ *Aquarius*, the Legs and Ancles governs true,
 ♓ *Pisces*, the Feet, with which I bid adieu.

P E A R S E, 1769.

THE
SECOND PART
OF THE
COELESTIAL DIARY.

CONTAINING

A CHRONOLOGY of many Remarkable
Accidents and Occurrences, that have hap-
pened since the Birth of our Lord JESUS
CHRIST.

With Astrological Observations upon the Eclipses,
Solar Ingresses, various Positions, Aspects, and Con-
figurations of the Heavenly Bodies; with many other
considerable Matters.

By S A L E M P E A R S E,
Student in Physick and the Cœlestial Sciences.

WISDOM vii. 17, 18, 19, 20.

*For he hath given me certain Knowledge of Things that
are, name.y, to know how the World was made, and
the Operations of the Elements; the Beginning, End-
ing, and Midst of the Times; the Alterations of the
Turnings of the Sun, and Change of Seasons; the
Circuits of Years, and Positions of Stars; the Names
of living Creatures, and the Furies of wild Beasts;
the Violence of Winds, and the Reasoning of Men;
the Diversities of Plants, and the Virtues of Roots.*

L O N D O N:

Printed by R. and M. BROWN, for the Company of
S T A T I O N E R S.

P E A R S E, 1769.

A TABLE shewing the Time of the Seven Stars coming to the South every fifth Day throughout the Year 1769.

Months.	Days. 1.		Days. 6		Days. 11		Days. 16		Days. 21		Days. 26		Days. 31	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
January	8	A 42	8	A 20	7	A 58	7	A 37	7	A 16	6	A 55	6	A 34
February	6	30	6	10	5	50	5	30	5	11	4	52		
March	4	41	4	22	4	4	3	45	3	27	3	9	2	51
April	2	47	2	29	2	11	1	52	1	34	1	15		
May	0	56	0	37	0	17	11	M 57	11	M 37	11	M 17	10	M 58
June	10	M 53	10	M 32	10	M 12	9	52	9	31	9	10		
July	8	49	8	28	8	8	7	47	7	27	7	7	6	48
August	6	43	6	24	6	5	5	46	5	28	5	9	4	51
September	4	47	4	29	4	11	3	53	3	35	3	17		
October	2	59	2	41	2	22	2	4	1	45	1	26	1	6
November	1	3	0	43	0	23	0	A 2	11	A 41	11	A 20		A
December	10	A 59	10	A 37	10	A 16	9	54	9	31	9	9	8	47

The Use of the TABLE.

FIND your Month (wherein you desire to know at what Time the *Pleiades* come to South) on the left Side of the Table, and the Day of the Month on the Head; and in the Angle, or Place of Meeting, you have the true Time set over against every Month, for every Day.

As for Example.

On the 11th Day of *January*, the Seven Stars come to South at 58 *min.* past 7 at Night, and *July* 21, at 27 *min.* past 7 in the Morning.

Note, M stands for Morning; A for Afternoon; and where there is no Letter, it is the same with the last preceding, &c.

Note also, These following fixed Stars, *viz.*

		H.	M.	
The Bull's Eye	} comes to S.	0	49	} after the Seven Stars.
The great Dog		3	3	
The Lion's Heart		6	23	
Spica η	} comes to S.	9	4	} before the Seven Stars.
Cor η		11	12	
The Harp		9	1	

P E A R S E, 1769.

A Table shewing what two Days in the Year are of the same Length.

Trop. ϖ	May	July	Ap.	Aug.	Mar.	Sep.	Feb.	Oct.	Jan.	Nov.
June 21	22	22	20	23	20	23	16	25	13	28
20 22	21	23	19	24	19	24	15	26	12	29
19 23	20	24	18	25	18	25	14	27	11	30
18 24	19	25	17	26	17	26	13	28	10	
17 25	18	26	16	27	16	27	12	29	Jan.	Dec.
16 26	17	27	15	28	15	28	11	30	6	1
15 27	16	28	14	29	14	29	10	31	8	2
14 28	15	29	13	30	13	30	9	N. 1	7	3
13 29	14	30	12	31	Mar.	Oct.	8	2	6	4
12 30	13	31	Apr.	Sep.	12	1	7	3	5	5
June 1	May 12	Aug. 1	10	2	10	3	4	5	4	6
11 2	11	2	9	3	9	4	3	6	3	7
10 3	10	3	8	4	8	5	2	7	2	8
9 4	9	4	7	5	7	6	1	8	Dec.	Dec.
8 5	8	5	6	6	6	7	Jan.	9	31	10
7 6	7	6	5	7	5	8	31	10	30	11
5 7	5	7	4	8	4	9	30	11	29	12
4 8	4	8	3	9	3	10	29	12	28	13
3 9	3	9	2	10	2	11	28	13	27	14
2 10	2	10	1	11	1	12	27	14	26	15
1 11	1	11	Mar.	Sep.	Feb.	Oct.	26	15	25	16
12	12	12	31	12	28	13	25	16	24	17
May 31	Apr. 30	Aug. 13	29	14	26	15	23	18	22	19
30 13	29	14	28	15	25	16	22	19	21	20
29 14	28	15	27	16	24	17	21	20	21	
28 15	27	16	26	17	23	18	20	21	21	21
27 16	26	17	25	18	22	19	19	22	20	Tropic
26 17	25	18	24	19	21	20	18	23	19	19
25 18	24	19	23	20	20	21	17	24	18	18
24 19	23	20	22	21	19	22	16	25	17	17
23 20	22	21	21	22	18	23	15	26	16	16
22 21	21	22			17	24	14	27	15	15

A Chronological Account of many remarkable Accidents and Occurrences that have happened in most Ages, since the Birth of our Lord JESUS CHRIST to this present Year 1769.

Years of Christ.

Years since.

- | | | |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1 | T HIS Year began about the 42d Year of <i>Augustus Cæsar</i> , JESUS CHRIST taking our Nature upon him (by the Will of GOD) was born of the Virgin <i>Mary</i> . This was in the Age of the World 3947. | 1769 |
| 30 | CHRIST baptized. | 1739 |
| 33 | The Passion and Resurrection of our Saviour. | 1736 |
| 34 | <i>Stephen's</i> Martyrdom, and <i>St. Paul's</i> Conversion. | 1735 |
| 35 | <i>Rome</i> , by the Command of <i>Nero</i> , was set on Fire. | 1734 |
| 63 | The Beginning of the Persecutions of the <i>Christians</i> , in the tenth Year of <i>Nero's</i> Reign. <i>Note</i> , In the Space of 241 Years, the <i>Christians</i> were persecuted ten Times; after which sprung up one <i>Constantine</i> , who made an Edict for <i>Christian</i> Liberty, he being the first <i>Christian</i> Emperor. | 1706 |
| 361 | <i>Athanasius</i> writes against <i>Arius</i> . | 1408 |
| 430 | <i>St. Austin</i> died. | 1339 |
| 569 | The Tower of <i>London</i> built. | 1200 |
| 635 | <i>Cambridge</i> made an University. | 1134 |
| 819 | <i>Egbert</i> made <i>England</i> the first Monarchy. | 950 |
| 871 | <i>Oxford</i> made an University. | 898 |
| 1066 | <i>William Duke of Normandy</i> conquered <i>England</i> . | 703 |
| 1120 | Thunder and Lightning from <i>Nov. 12. to Nov. 27.</i> | 649 |
| 1190 | <i>Henry Fitz-Alwin</i> , first Lord-Mayor of <i>London</i> , in the 2d Year of <i>Richard I.</i> | 579 |
| 1209 | <i>London-Bridge</i> built with Stone. | 560 |
| 1269 | The <i>Thames</i> frozen from <i>St. Andrew's</i> till <i>Candlemas</i> . | 500 |
| 1289 | An exceeding hot Summer, many died thro' Extremity of Heat. | 480 |
| 1315 | Abundance of Rain in Harvest, so that Horses, Dogs, &c. were eaten. | 454 |
| 1378 | The Invention of Guns. | 391 |
| 1397 | <i>Tamerlane</i> , the <i>Scythian</i> , slew 20,000 <i>Turks</i> , and took <i>Bajazet</i> the Emperor, and bound him in | |

A Chronology, &c. 1769.

<i>Years of Christ.</i>		<i>Years since.</i>
	Fetters of Gold, and carried him about in an Iron Cage.	372
1407	A Pestilence in <i>London</i> , whereof died 30,000.	362
1410	<i>Richard Whittington</i> , four times Lord Mayor of <i>London</i> , was buried in <i>St. Michael's Royal</i> in <i>Thames-street</i> .	359
1440	The Art of Printing first invented by <i>John Faust</i> , of <i>Mentz</i> , in <i>Germany</i> .	329
1527	Rain (almost continually) from the 3d of <i>June</i> ; after which followed a Scarcity, that many died for want of Bread.	242
1563	A terrible Thunder and Lightning, which continued from the 1st of <i>Dec.</i> to the 12th.	206
1567	The <i>Royal Exchange</i> finished.	202
1585	Tobacco first used in <i>England</i> .	184
1589	The ingenious <i>William Lee</i> , M. A. of <i>St. John's College, Cambridge</i> , devised the Stocking Frame; but being despised, went to <i>France</i> .	180
1597	Great Waters, and Scarcity of Corn; Wheat at 14s. a Bushel.	172
1602	A Plague in <i>London</i> , whereof died 30,578 Persons.	167
1605	The Powder Treason	164
1607	The Bible new translated and finished.	162
1614	The <i>New River</i> brought to <i>London</i> .	155
1625	A Plague in <i>London</i> , whereof died 35,417; of all Diseases 54,265.	144
1625	<i>William-Middleton Child</i> , of <i>Hale</i> , in <i>Lancashire</i> , died, aged 50 Years; he was as large as <i>Goliath</i> of <i>Gath</i> .	144
1630	<i>New England</i> planted.	139
1648	King <i>Charles I.</i> traiterously beheaded.	121
1660	King <i>Charles II.</i> restored, May 29.	109
1665	Three blazing Stars appeared: And the same Year a Plague in <i>London</i> , whereof died 68,586; but of all Diseases near 100,000.	104
1666	13,200 Houses burnt in <i>London</i> .	103
1676	600 Houses burnt in <i>Southwark</i> .	93
1678	<i>Green, Bury</i> , and <i>Hill</i> executed for murdering <i>Sir Edmundbury Godfrey</i> .	91
1680	A great Comet appeared in <i>Dec.</i> and <i>Jan.</i>	89

A Chronology, &c. 1769.

<i>Years of Christ.</i>		<i>Years since.</i>
1684	A great 13 Weeks Frost, with a Fair kept upon the frozen <i>Thames</i> .	85
1685	Duke of <i>Monmouth</i> beheaded, <i>July 15</i> .	84
1688	The seven Bishops sent to the <i>Tower</i> , and the pretended Prince of <i>Wales</i> born.	81
1689	K. <i>William</i> and Q. <i>Mary</i> crowned, <i>April 11</i> .	80
1695	The <i>French Plot</i> , and intended Invasion.	74
1696	The Money new coined.	73
1698	Peace with <i>France</i> ; and the Czar of <i>Muscovy</i> at <i>London</i> .	71
1701	King <i>James II.</i> (who abdicated his Kingdom, <i>Dec. 18, 1688</i>) died at <i>St. Germain</i> in <i>France</i> , <i>Sept. 5</i> .	68
1702	War declared against <i>France</i> and <i>Spain</i> .	67
1703	<i>Nov. 27</i> . a terrible Wind.	66
1707	<i>May 1</i> . <i>England</i> and <i>Scotland</i> united.	62
1708	The pretended Pr. of <i>Wales</i> attempted to invade <i>Great Britain</i> .	61
1708	<i>St. Paul's</i> in <i>London</i> finished.	61
1713	<i>May 5</i> . A Peace with <i>France</i> proclaimed.	56
1714	Q. <i>Anne</i> died <i>Aug. 1</i> . and K. <i>George I.</i> began.	55
1715	The Rebellion at <i>Preston</i> .	54
1718	<i>March 6</i> . the Beginning of the Lights in the <i>North</i> .	51
1719	<i>March 19</i> . the great fiery Meteor.	50
1723	The Deprivation of the Bishop of <i>Rocheſter</i> .	46
1726	<i>Oct. 8</i> . The Heavens seemed to burn like flaming Fire, at Eight at Night.	43
1727	King <i>George I.</i> died <i>June 11</i> . and King <i>George II.</i> proclaimed the 15th.	42
1730	<i>Fulham</i> and <i>Putney-Bridge</i> built of Timber.	39
1733	<i>Feb. 21</i> . Broad Pieces of Gold called in, and coined into Guineas.	36
1737	<i>Stocks-Market</i> removed to <i>Fleet-Ditch</i> in <i>September</i> , Sir <i>John Thompson</i> Lord-Mayor.	32
1738	<i>Westminster-Bridge</i> begun.	31
1739	<i>June 3</i> . Mr. <i>Whitefield</i> preached to a giddy People in <i>Moorfields, London</i> ; Text, <i>St. Luke xviii. 14</i> .	30
1739	War declared against <i>Spain</i> , <i>Oct. 23</i> .	30
1740	Died the Pope, the King of <i>Prussia</i> , the Emperor of <i>Germany</i> , and the Empress of <i>Russia</i> .	29

A Chronology, &c. 1769.

<i>Years of Christ.</i>		<i>Years since.</i>
1742	A Comet appeared from Feb. 18, to March 21.	27
1743	A very splendid Comet was seen Decem. 23, in the Signs <i>Aries</i> and <i>Pisces</i> ; it continued visible to Feb. 20.	26
1744	March 4, <i>France</i> declared War against <i>England</i> , and March 31, <i>Great-Britain</i> proclaimed War against <i>France</i> .	25
1745	Commodore <i>Warren</i> and Capt. <i>Pepperel</i> took the Island of <i>Cape-Breton</i> from the <i>French</i> .	24
1745	In <i>August</i> the Pretender's Son, by <i>French</i> Assistance, landed in <i>Scotland</i> , raised a Rebellion, ravaged great Part of that Country, and made an Excursion into <i>England</i> .	24
1745	Marshal <i>Belleisle</i> and his Brother brought Prisoners to <i>Windfor</i> Castle.	24
1746	The heroic and magnanimous Duke of <i>Cumberland</i> defeated the Rebel Army, <i>April</i> 16, and quelled the Rebellion.	23
1748	A general Peace, signed <i>Oct.</i> 7.	21
1749	<i>Cape-Breton</i> given up to the <i>French</i> .	20
1750	The <i>British</i> Fishery erected.	19
1751	Prince of <i>Wales</i> died.	18
1752	The Date and Calendar altered.	17
1755	<i>Lisbon</i> destroyed by an Earthquake.	14
1756	<i>Angria's</i> Family and Treasure seized.	13
1756	War declared against <i>France</i> , <i>May</i> 18.	13
1757	Militia Act passed.	12
1757	Count <i>Daun</i> defeated at <i>Lissa</i> by the King of <i>Prussia</i> .	12
1758	<i>Senegal</i> , in <i>Africa</i> , taken by the <i>English</i> ; Capt. <i>A. Millar</i> was the first that passed the Bar.	11
1758	<i>Crowell</i> Victory obtained by Prince <i>Ferdinand</i> .	11
1758	<i>Cape-Breton</i> taken by <i>Boscawen</i> , <i>Amherst</i> , and <i>Wolfe</i> .	11
1758	<i>Cherburg</i> Fort destroyed by the <i>English</i> .	11
1758	<i>Goree</i> Island taken by the <i>English</i> .	11
1759	<i>Guardaloupe</i> Isle taken by the <i>English</i> .	10
1759	<i>Madras</i> besieged by the <i>French</i> , who were beat off by the <i>English</i> .	10
1759	Admiral <i>Boscawen</i> beat the <i>French</i> Fleet off <i>Cape Lagos</i> .	10

A Chronology, &c. 1769.

<i>Years of Christ.</i>		<i>Years since,</i>
1759	Prince Ferdinand's total Defeat of the French near Minden.	10
1759	Kew Bridge built.	10
1759	Ticonderoga and Niagara taken by the English.	10
1759	Crown Point taken by the English.	10
1759	Quebec taken by the English under General Wolfe, who was killed in the glorious Conquest.	10
1759	Admiral Hawke beat the French Fleet off Belle-Isle, and defeated their Design of Invasion.	10
1760	Black-Friars Bridge begun.	9
1760	King George II. died October 25, and King George III. began his Reign.	9
1761	King George III. and Queen Charlotte crowned September 22.	8
1762	A great Snow, for eighteen Days together, in February and March.	7
	Prince of Wales born August 12.	7
1763	A General Peace with France and Spain.	6
1763	Prince Frederick born August 16	6
1765	Prince William-Henry born August 21	4
1766	Princess Royal born, Sept. 29.	3

Of the four Quarters of this Year 1769.

THE Spring Quarter begins on the 21st Day of March, at 7 o'Clock in the Morning.

THE Summer Quarter commenceth June the 21st, at 6 in the Morning.

THE Autumnal Quarter begins the 22d Day of September, at 8 o'Clock at Night.

THE Winter Quarter commenceth the 21st Day of December, at Noon.

T H A T

THAT in the night of Saturday, the 1st of December, 1760, the terrible volcano, Vesuvius, began, without any of the previous symptoms, to vomit forth, by five different openings, astonishing vortices of flame, with frightful torrents of lava. I presume some account of that famous mountain, together with the devastations its eruptions have caused in the neighbouring country, will not be disagreeable to the readers.

This dreadful mountain is situated about eight miles from Naples, on the eastern extremity of Campagne Felice, and surrounded on every side with rural scenes, equally fruitful and pleasing. To the east is a noble plain, containing the towns of Nola, Palma, and Ottajano; the river Saron flows near its foot on the south side; on the west is the city of Naples, with part of its gulph; and, on the north, the delicious fields of Arcena and St. Arpino: Its circumference at the foot has been found, by actual mensuration, to be twenty-four miles; and the perpendicular height from thence to the side or edge of the old mouth three miles, and the small mountain of ashes, formed in the center of this capacious basin, a mile in height. But it must be remembered, that the form of the summit of Vesuvius changes on every eruption. Formerly this mountain had only one summit; but frequent earthquakes have divided it into two. That part which lies nearest the sea has lost its summit, being worn away by its own fire, and become a plain bordered with rocks, and in the form of an amphitheatre; in the center of which is the mountain of ashes above described. This whole part is entirely barren; not the least shrub, or even a single blade of grass, being to be found upon it. The parts adjacent to it are indeed very fruitful, producing abundance of excellent corn and fruits, together with the best wine in all Italy, called *Vino Greco*, or *Lachryma Christi*. This uncommon fertility is owing to the ashes that mount Vesuvius throws into the plain, and which, dissolving insensibly, incorporate with the soil, and prove the most excellent manure; while the subterraneous fires keep the juices of the earth in a proper degree of warmth.

The first eruption of this dreadful volcano, of which we have an account, happened in the year 81; when Dion tells us, that it threw up an incredible quantity of ashes which filled the land, the sea, and the air; that men, cattle, birds, fish,

fish, and countries, were injured by it; that Herculanea and Pompeii were burned; and that the inhabitants of these towns, being at that time seated in the theatre, were overwhelmed with the ashes which were waisted to Rome, Africa, Syria, and Egypt. And in this eruption it was that Pliny the elder perished, whose unbounded curiosity carried him from Misenus to Refini, in order to have a view of this awful phænomenon.

It would extend this letter to an enormous length, if I should give an historical account of the various eruptions of this famous volcano; let it therefore be sufficient to give one instance of this terrible calamity; namely, that which happened in the year 1694; and which may be considered as one of the most dreadful ever was known. In the night of the 6th of April, 1694, mount Vesuvius began to thunder in so dreadful a manner, that the earthquakes were strongly felt at Naples.

The next morning the whole country adjacent to the mountain was wholly covered with a cloud of thick black smoke, which shot up from the mountain like an enormous pine tree spreading on every side. This cloud of smoke was succeeded by a dreadful shower of ashes, flaming minerals, and glowing stones, projected from the mouth of the volcano to a very considerable height; and fell back, either into the frightful furnace, or on the adjacent country. In this manner the bellowing of the mountain continued, till the 13th of the same month; when there rushed from the sides of the old furnace two torrents of liquid fire, which, from the obstruction it met with in its course, divided into several branches, flowed in different directions, and formed several beds or channels. The two largest of the fiery rivers advanced with a slow motion; the one towards Torre del Greco, and the others towards Refini. The fluid matter of which the burning rivers were composed resembles melted metal; and in its course made a noise like carts loaded with iron. After filling two vallies, one of these torrents flowed into Solfarello, a valley about 200 palms deep; and by its fall raised so thick a smoke, that the inhabitants of Naples imagined a volcano was opened there; and the inhabitants of Torre del Greco, Refini, and Portici, left their habitations, and fled to Naples in the utmost terror and confusion.

But a few days after put an end to their fears; the torrent,

rent, which directed its course towards Torre del Greco, after flowing six days without any intermission, stopped within fifty paces of the town; and the other, which flowed thro' the valley of Solfarello, after flowing above four miles, condensed a little before it reached St. Jurio á Cremano, and about a mile from the sea.

Those persons who had the courage to approach as near the mouth of this dreadful volcano as the prodigious heat would admit, observed, that the old mouth of Vesuvius, whose sides before were about fifty palms higher than the plain, was filled with a fluid bituminous substance, mixed with melted metals, which turned the whole mass of a bronze colour; and that the stones which were incessantly projected from the mouth of the little mountain, fell with a noise resembling that of a furious storm of hail striking against the windows on this sort of burning lake; from which they were instantly reverberated, and, falling again on it, floated on its surface like a cork. The earth round the mouth of the volcano trembled prodigiously by the fall of such amazing multitudes of stones as were projected from the mouth of the little mountain; and, after continuing about an hour in this manner, forced a passage through the cavities in the sides of the old mouth, and divided itself, as before observed, into several torrents about six feet in depth. And it was computed that the quantity of matter which issued from the volcano during this eruption was sufficient to have formed another mountain equal in magnitude to Vesuvius itself.

During this whole time, the little mountain threw up at intervals not only stones, but also great quantities of ashes and sand, which the wind waisted to a considerable distance; there likewise often issued from it large globes of fire, which darted upwards through the smoke, with a noise like that of the waves of the ocean during a violent storm. But what seems very singular is, that none of the spectators could discover the passage through which these quantities of liquid matter or fire flowed.

Perhaps this burning fluid, being forced upwards with great violence from the bottom of the mountain by subterraneous winds and fires, and not being able to issue through the mouth of the little mountain, forced the crust which had been formed over the old mouth, filled the capacious hollow, and then opened itself a passage into the adjacent plain.

That

That this was really the case seems plain from the dreadful noise often heard at the beginning of the eruption ; and which ceased the instant the fiery torrent began to flow from the mouth of the volcano.

The havock caused by this eruption is almost incredible ; The country, which before smiled with plenty, now appeared like an arid waste, and exhibited in every part the melancholy marks of horrid devastation. Let the reader figure to himself a number of fiery torrents, of above 150 feet in breadth, precipitating themselves from the brow of a lofty mountain into the adjacent plain, and sweeping away every thing in their passage ; the sky darkened with showers of ashes and burning stones, falling like the hail-stones of a tempest on the fruitful fields ; and at the same time the stench of sulphur so strong that no animal can live in it ; and he will readily conceive what terrible havock must be made in that unhappy country.

But, besides the general devastations caused by this terrible eruption, some very singular circumstances attended it.

At Torre del Greco, two men were found in a room into which neither fire nor ashes came : They were lying on the floor, and to appearance fast asleep ; but the instant they were touched, in order to wake them, their bodies became immediately a heap of ashes, though there did not appear the least sign of fire on their cloaths ; a circumstance also observed in several pieces of furniture. Among several bodies which had been covered with torrents of fire and boiling water, one was discovered whose thighs were petrified like marble ; but every other part the same as a dead carcase generally appears. In another place, a young man who fled with his father, perceiving that it was impossible to escape one of the fiery rivers which was making towards them, climbed up a neighbouring tree ; after the stream was past, he came down from the tree ; but, stooping to embrace the dead bodies of his father and others, he himself expired upon it, suffocated, in all probability, by the sulphureous and bituminous exhalations issuing from it.

Another person, flying from his house with one of his children in his arms, and leading another by the hand, was overtaken by one of these fiery streams, which threw him on the ground, and swept away the two children, but did him no other damage than burning part of his cloaths. The fact is
record-

recorded at Naples, and the truth of it attested by the person himself, and two others who saw the whole : But the most surprizing thing is, that in the town of St. Jurio the fire bursting into two rooms of the house of D. Flaminio di Costanzo, a Counsellor of State, it instantly consumed all that was in one of the rooms, without hurting any thing in the other room, though full of straw and corn. These facts are well attested, and therefore cannot, with any shew of reason, be doubted ; though I must confess, that the causes which produced such wonderful effects require more philosophy, than I am master of, to explain ; and therefore should be very glad to see them investigated by any of your ingenious correspondents.

The Eclipses that will happen this present Year, 1769.

THERE will be five eclipses ; three of the sun, and two of the moon ; but only one of each luminary will be visible or seen in England.

The first will be of the sun, on the 8th of January, about 3 o'clock in the morning, invisible to us in Great Britain.

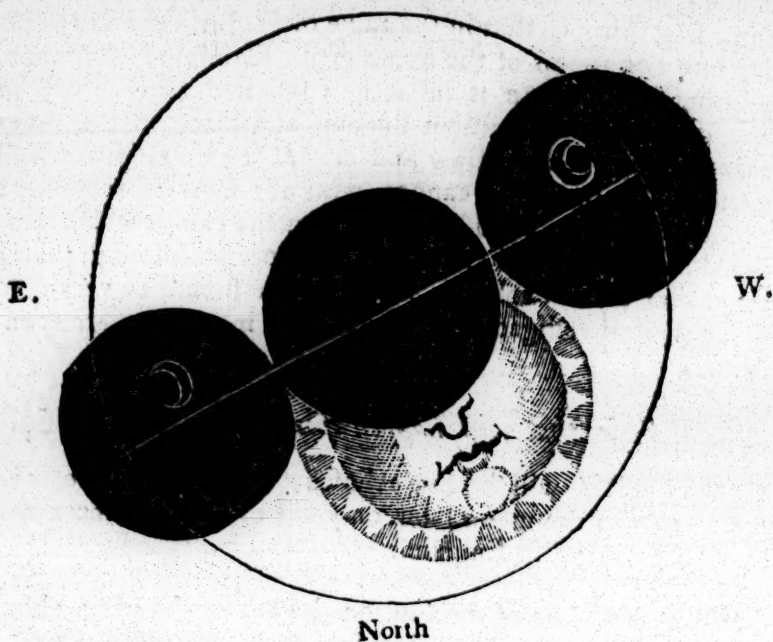
The second is a visible eclipse of the sun, which will happen the 4th Day of June, in the morning ; which is expected to correspond with the following brief calculation and type, referred to the meridian of Stamford, in Lincolnshire.

	h.	m.	
The Beginning of the Eclipse	6	38	} A. M. apparent Time.
The Middle	7	32	
The End of the Eclipse	8	24	
The Duration	1	46	
Digits eclipsed	6	10	}

PEARSE, 1769.

The Type.

South



The third is an invisible eclipse of the moon, on the 19th day of June, about 7 o'clock in the morning. It will not be visible to us in Great Britain, but will be total in the south parts of the world.

The fourth eclipse is another of the sun, on the 28th of November, about half an hour after 8 o'clock in the morning; but the moon having south latitude, and augmented likewise by her parallax, will render it invisible to England.

The fifth and last is a partial eclipse of the moon, and visible, if the clouds interpose not, to us in Great Britain. It will fall on Wednesday, the 13th day of December, in the morning, according to the brief calculation and type as follows:

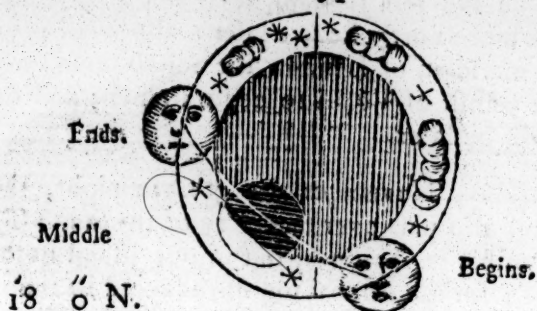
	London.			Edinburgh.		
	h.	m.	f.	h.	m.	f.
Beginning	4.	52.	15	4.	39.	2
Middle	6.	23.	8	6.	9.	55
Ecliptic 8	6.	28.	53	6.	15.	45
The End	7.	54.	1	7.	40.	48

Digits eclipsed 9 10 N.

The

PEARSE, 1769.

The Type.



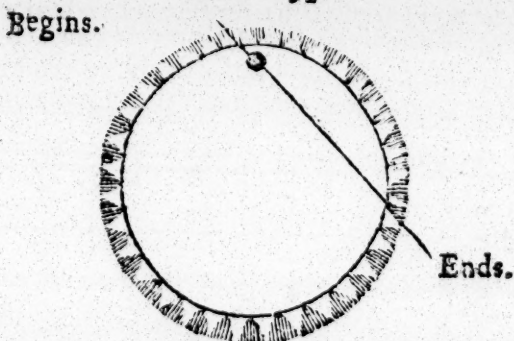
ASTRONOMICAL REMARKS.

UPON Saturday, June the 3d, there will happen another notable transit of that glorious planet Venus over the sun, and the last we shall have for above 200 years; and, if I mistake not, as large as that was in the year 1761. But the Imerfion, or beginning of this transit, (if the air be clear) will only be visible in this our island of Great Britain, as appears on the other side. I desire the skilful astronomer to prepare his telescope to observe the same, in order to determine that grand problem of the sun's true horizontal paralax.

The 3d of June, Evening.

	H.	'	"
Central Ingress	7.	40.	38
True Conjunction	10.	27.	38
Middle	10.	49.	16
Central Egress.	13.	57.	54

The Type.



N. B.

P E A R S E, 1769.

N. B. The sun sets June 3, at London, 9 minutes past 8; but, the more north, he sets later; also in all places lying west of the meridian of London the inhabitants thereof will observe the transit of Venus to begin sooner; and to all that lie east it will be later.

On Thursday, November the 9th, at night, the planet Mercury will also pass over the body of the sun. This transit will be visible in America, but in our island nothing of it will be seen; for the central ingress adapted to the meridian of London is not till 32 minutes past 7 o'clock: The middle 1 minute after 10: The central egress, or end, at 30 min. past midnight.

A D V E R T I S E M E N T.

AT the school on the Fish-hill, at Royston, Hertfordshire, writing in all useful hands; arithmetic both vulgar and decimal, with application to trade and commerce, book-keeping, &c. mensuration of superficies and solids, measuring land, gauging, dialling, cosmography, practical astronomy, &c. taught with the utmost care and expedition by HENRY ANDREWS, Philomath.

N. B. Edward Sharpe, living on St. Peter's-hill, in Stamford, Lincolnshire, doth give judgment upon urine, or, as they vulgarly call it, casting of the water. Or, if they can give him the day of the month that they were born on, with the date of the year, he can tell their illness as well by that as by their urine. And he doth likewise prepare medicines to cure them; if any person be pleased to make use of him.

F I N I S.

